



Formosa Plastics®

Formosa Plastics Corporation, Texas  
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Telephone: 361-987-7000

January 31, 2019

Certified Mail: 7018 0630 0000 5327 9344

Air Section Manager, Region 14  
Texas Commission on Environmental Quality  
6300 Ocean Drive, Suite 1200  
Corpus Christi, Texas 78412

RE: Formosa Plastics Corporation, Texas  
TCEQ Air Quality Account No. CB-0038-Q  
North FTIR Quarterly Report (October 2018 through December 2018)

Dear Air Section Manager:

Please find attached the North FTIR quarterly report. The North FTIR and associated equipment were installed as a Supplemental Environmental Project as required by TCEQ Docket No. 2000-1144-AIR-E. This report includes FTIR data from October 1, 2018 through December 31, 2018. This report is designed to be similar to the Point Comfort FTIR Quarterly Report in order to maintain reporting consistency.

During the fourth quarter of 2018, the North FTIR site had no confirmed exceedances of the trigger level based on [block] 30-minute averages or [running] 30-minute averages.

Should you have any questions please contact Vanessa Peppers by e-mail at VanessaP@ftpc.fpcusa.com.

Sincerely,

Rick Crabtree  
Vice President/General Manager  
Formosa Plastics Corporation, Texas

**Formosa Plastics Corporation, Texas**  
**Summary of North FTIR Downtime**  
**4th Quarter 2018**

Date(s)	Cause(s)	Corrective Action(s)
10/19/2018-10/22/2018	Data loss due to computer software issues. Software was not running; therefore, downtime alert system was not active and alerts were not sent to notify Spectrum.	A second alarm script will be installed in separate software by Spectrum scientists during the next field service trip in January 2019.
11/10/2018-11/26/2018	The OEM power supply was not designed with a large safety factor and must remain above 10.8 V to maintain communication between the computer and the instrument. All above average current draws on the 12V supply caused the supply to no longer maintain 12 V.	A second power supply was installed in parallel. Communication has been steady since the installation.
12/7/2018-12/11/2018	Computer failure.	A new computer was procured and two Austin scientists arrived on site on December 12. However, the computer fired right up and remained up with no issues throughout the entirety of the service trip.

**Formosa Plastics Corporation, Texas**  
**Emergency Activation Release System (EARS) - SUMMA Canister Results**  
**4th Quarter 2018**

Date	SUMMA Canister Station	Chemical	Concentrations (ppb)	Detection Limits (ppb)
		Vinyl Chloride	There were no EARS events during the fourth quarter of 2018.	
		Ethylene Dichloride		
		Benzene		
		1, 3 Butadiene		
		Ethylene		

**Formosa Plastics Corporation, Texas**  
**4th Quarter 2018 North FTIR Report - Summary of Validated Exceedances of the 30-Minute Trigger Levels**  
**Validated Exceedances of the 30-Minute Block Averaged Trigger Levels\*\***

Month/Year	Date*	Time	Chemical	Concentrations (ppb)	Trigger Limit (ppb)	Wind Speed (mph)	Wind Direction (degrees)
			There were no validated exceedances in the fourth quarter of 2018.				

Please Note: Polar plots generated by FPC-TXs' FTIR System are attached for those days when the FTIR System detected an exceedance.

\* Indicates polar plot is available.

\*\* The FTIR quarterly report format was agreed upon between TNRCC and FPC-TX upon initiation of the monitoring program. The quarterly report shows *block* averages for each 30-minute period throughout the day. The FTIR collects 5-minute data and creates *rolling* 30-minute averages. The table titled "Validated Exceedances of 30-Minute Running Averaged Trigger Levels" lists the exceedances of the 30-minute average trigger levels based on a *rolling* 30-minute average time period. The validated exceedances of the rolling 30-minute averages for the compounds listed in the table titled "Validated Exceedances of 30-Minute Running Averaged Trigger Levels" is being included in the summary table above, as required by paragraph 5, Section c of the January 10, 1996 letter from the TNRCC.

Formosa Plastics Corporation, Texas

4th Quarter 2018 North FTIR Report - Summary of Validated Exceedances of the 30-Minute Trigger Levels

Validated Exceedances of the 30-Minute Running Averaged Trigger Levels \*\*

Month/Year	Date	Time	Chemical	Concentrations	Trigger Limit	Wind Speed	Wind Direction
			There were no validated exceedances in the fourth quarter of 2018.				

Please Note: Polar plots generated by FPC-TX's FTIR System are attached for those days when the FTIR System detected an exceedance.

\* Indicates polar plot is available.

\*\* The FTIR quarterly report format was agreed upon between TNRCC and FPC-TX upon initiation of the monitoring program. The quarterly report shows *block* averages for each 30-minute period throughout the day. The FTIR collects 5-minute data and creates *rolling* 30-minute averages. The table titled "Validated Exceedances of 30-Minute Running Averaged Trigger Levels" lists the exceedances of the 30-minute average trigger levels based on a *rolling* 30-minute average time period. The validated exceedances of the rolling 30-minute averages for the compounds listed in the table titled "Validated Exceedances of 30-Minute Running Averaged Trigger Levels" is being included in the summary table above, as required by paragraph 5, Section c of the January 10, 1996 letter from the TNRCC.



To: Stephanie Schmidt-Mayfield  
Formosa Plastics  
Point Comfort, Texas

From: Bryan Benaway (512) 934-1752

Date: January 28, 2019

Subject: Formosa Point Comfort (FPC) Ambient Air Monitoring Station (AAMS) Gas Challenge Results for October - December 2018

Gas challenges are performed weekly against the OP-FTIR instrument with gases containing the target compounds listed in Table 1. The number of gas challenges performed was limited by instrument and gas standard availability. As such, only one independent gas challenge was performed for Q4 2018. Because of its corrosive nature, hydrogen chloride (HCl) was purchased in a separate cylinder and was injected in the calibration cell separate from the rest of the target compounds. The remaining target species, all being volatile organic compounds (VOCs), are contained within a single gas cylinder located at each site. Table 1 lists the challenge compounds and their expected spike concentrations. The expected spike concentrations are arrived at by multiplying the certified cylinder concentrations by the ratio of the calibration cell path length to the open path length (0.10m/270m at FNorth). This is would be the molecular density (concentration by volume) if the molecules in the cell were instead evenly distributed across the entire beam path.

In Q3 2018, it was discovered that the challenge gas cylinders had developed leaks at the pressure regulator and subsequently emptied. Replacement gases and two sets of backups were ordered. The VOC mixtures were received in late December and are now operational. The HCl standards were received in January 2019 and will be installed on the next site visit by a Spectrum employee. A single gas challenge was able to be performed in Q4 2018 by transporting temporary gas standards to the site from Spectrum's facility in Austin.

**Table 1. Formosa North OP-FTIR Gas Challenge Mixtures**

<b>Compound</b>	<b>Compound FTIR Code</b>	<b>Expected Spike Level (ppm)</b>
1,3 Butadiene	BUT	0.042
Benzene	C6H6	0.103
Ethylene	C2H4	0.041
Ethylene Oxide	ETO	0.081
Vinyl Chloride	VCl	0.041
1,2 Dichloroethane	DCA	0.082
Hydrogen Chloride	HCl	0.027



A total of 1 challenge was performed during the 4th quarter of 2018. All of the gas challenges performed for the quarter resulted in acceptable recoveries with the following exception:

- VCI had high recovery in the December 12, 2018 QC event.

Analyte spike recovery is expressed as a percentage and calculated by taking the ratio of the actual spike value divided by the expected spike value. The actual spike is calculated by averaging the equilibrium points during a run.

#### **October 2018**

No gas challenges were conducted in

#### **November 2018**

No gas challenges were conducted in November.

#### **December 2018**

One gas challenge was conducted in December. Recoveries were acceptable for all compounds in December aside from the aforementioned exceptions.

#### **Conclusion**

Recovery statistics for the quarter are presented in Table 2. At the bottom of the table, average recoveries for each compound (for the quarter) are given. Individual results are color-coded. **Green** highlights indicate that recovery fell within the 70% to 130% range, while results highlighted in **yellow** fell within a 50% to 150% range. Results outside of the 50% to 150% range are highlighted in **red**.

**Table 2. Recovery Percentages Summary for 4<sup>th</sup> Quarter 2018**

Date	C6H6	ETO	DCA	C2H4	BUT	VCI	HCI
12/12/2018	108	106	111	94	117	144	117
Q4 2018Averages	108	106	111	94	117	144	117



**Formosa Plastics Corporation  
Point Comfort AAMS Site  
Validated Exceedances of 30-Minute Block Averaged Trigger Levels  
October 2018**

<u>Day</u>	<u>Period</u>	<u>Compound</u>	30-Min Avg. Concentration (ppb)	Trigger Level (ppb)	Wind Speed (mph)	Wind Direction (degrees)
			NONE			

**Formosa Plastics Corporation  
Point Comfort AAMS Site  
Validated Exceedances of 30-Minute Running Averaged Trigger Levels  
October 2018**

<u>Day</u>	<u>Period</u>	<u>Compound</u>	30-Minute Max Avg. Concentration (ppb)	Trigger Level (ppb)	Max Wind Speed (mph)	Max Wind Direction (degrees)
			NONE			





**Formosa Plastics Corporation  
North AAMS Site  
Validated Exceedances of 30-Minute Block Averaged Trigger Levels  
October 2018**

<u>Day</u>	<u>Period</u>	<u>Compound</u>	30-Min Avg. Concentration (ppb)	Trigger Level (ppb)	Wind Speed (mph)	Wind Direction (degrees)
			NONE			

**Formosa Plastics Corporation  
North AAMS Site  
Validated Exceedances of 30-Minute Running Averaged Trigger Levels  
October 2018**

<u>Day</u>	<u>Period</u>	<u>Compound</u>	30-Minute Max Avg. Concentration (ppb)	Trigger Level (ppb)	Max Wind Speed (mph)	Max Wind Direction (degrees)
			NONE			

# Open Path FTIR Daily (24-hour) Averages

Site: Formosa North AAMS

Timestamp	Capture (%)	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10/1/2018	100	20515	349	2.15	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.1	101
10/2/2018	92	22154	347	2.20	BDL	BDL	0.00007	BDL	BDL	BDL	0.00005	5.7	104
10/3/2018	81	21545	348	2.27	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.2	140
10/4/2018	46	21420	344	2.05	BDL	BDL	BDL	BDL	BDL	BDL	0.00013	6.4	131
10/5/2018	98	21742	353	2.21	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7.0	124
10/6/2018	100	21674	341	2.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	8.0	130
10/7/2018	100	21514	341	2.03	0.00013	BDL	BDL	BDL	BDL	BDL	0.00011	10.0	136
10/8/2018	100	20653	341	2.03	BDL	BDL	BDL	0.00026	BDL	BDL	0.00005	9.4	128
10/9/2018	100	21762	338	2.05	0.00009	BDL	BDL	0.00024	BDL	BDL	0.00056	8.5	136
10/10/2018	100	18659	347	2.14	BDL	BDL	BDL	0.00004	BDL	BDL	BDL	2.2	55
10/11/2018	40	15613	357	2.25	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.2	59
10/12/2018	100	16822	351	2.17	0.00012	BDL	BDL	0.00016	BDL	BDL	BDL	5.2	115
10/13/2018	100	21504	336	2.03	0.00012	BDL	BDL	BDL	BDL	BDL	0.00032	13.8	159
10/14/2018	100	21074	337	2.06	BDL	BDL	0.00007	BDL	BDL	BDL	BDL	10.8	152
10/15/2018	96	13930	353	2.06	BDL	BDL	BDL	0.00005	BDL	BDL	BDL	7.0	360
10/16/2018	100	10523	358	2.04	0.00009	BDL	BDL	0.00002	BDL	BDL	BDL	11.4	340
10/17/2018	94	11677	352	2.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	9.0	355
10/18/2018	100	13021	341	2.07	BDL	BDL	BDL	BDL	BDL	BDL	BDL	10.2	16
10/19/2018	46	17244	333	2.12	BDL	BDL	BDL	0.00008	BDL	BDL	BDL	5.3	47
10/20/2018	0											8.3	17
10/21/2018	0											9.3	27
10/22/2018	23	11790	334	1.98	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7.8	25
10/23/2018	100	10798	337	1.94	0.00007	BDL	BDL	BDL	BDL	BDL	0.00010	8.8	13
10/24/2018	100	15545	345	2.18	BDL	BDL	BDL	BDL	BDL	BDL	0.00008	5.6	24
10/25/2018	100	14017	355	2.27	BDL	BDL	BDL	0.00004	BDL	BDL	BDL	7.2	325
10/26/2018	100	12726	354	2.35	0.00010	BDL	BDL	0.00011	BDL	BDL	BDL	2.1	289
10/27/2018	94	14215	350	2.21	0.00092	BDL	BDL	BDL	BDL	BDL	BDL	3.9	219
10/28/2018	71	16374	340	2.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.5	196
10/29/2018	79	16644	343	2.00	BDL	BDL	BDL	BDL	BDL	BDL	BDL	8.1	181
10/30/2018	90	17694	343	1.99	BDL	BDL	BDL	BDL	BDL	BDL	BDL	11.8	167
10/31/2018	94	19748	334	1.95	BDL	BDL	BDL	BDL	BDL	BDL	BDL	12.2	169

## Daily Processed Summary (Average, Maximum)

Average	82	17331	345	2.10	0.00006	BDL	0.00000	0.00004	BDL	BDL	0.00005	2.7	101
Maximum Value	100	22154	358	2.35	0.00092	BDL	0.00007	0.00026	BDL	BDL	0.00056		

BDL = Below Detection Limit

Blank = Not Available

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10/01/18 12:30 AM	18872	368	2.17	ND	ND	ND	ND	ND	ND	ND	3.6	48
10/01/18 01:00 AM	18774	368	2.17	ND	ND	ND	ND	ND	ND	ND	4.0	51
10/01/18 01:30 AM	18875	369	2.19	ND	ND	ND	ND	ND	ND	ND	4.0	56
10/01/18 02:00 AM	18960	369	2.22	ND	ND	ND	ND	ND	ND	ND	4.5	54
10/01/18 02:30 AM	19081	369	2.25	ND	ND	ND	ND	ND	ND	ND	4.1	71
10/01/18 03:00 AM	19276	370	2.26	ND	ND	ND	ND	ND	ND	ND	4.2	80
10/01/18 03:30 AM	19460	371	2.28	ND	ND	ND	ND	ND	ND	ND	5.9	144
10/01/18 04:00 AM	19847	368	2.37	ND	ND	ND	ND	ND	ND	ND	1.6	186
10/01/18 04:30 AM	20244	345	2.22	ND	ND	ND	ND	ND	ND	ND	4.5	44
10/01/18 05:00 AM	19914	317	2.14	ND	ND	ND	ND	ND	ND	ND	5.8	31
10/01/18 05:30 AM	19985	329	2.21	ND	ND	ND	ND	ND	ND	ND	5.7	49
10/01/18 06:00 AM	19999	331	2.23	ND	ND	ND	ND	ND	ND	ND	8.7	94
10/01/18 06:30 AM	20145	335	2.18	ND	ND	ND	ND	ND	ND	ND	6.3	117
10/01/18 07:00 AM	20504	343	2.16	ND	ND	ND	ND	ND	ND	ND	5.3	103
10/01/18 07:30 AM	17960	259	1.85	ND	ND	ND	ND	ND	ND	ND	5.8	102
10/01/18 08:00 AM	19256	295	1.97	ND	ND	ND	ND	ND	ND	ND	6.6	113
10/01/18 08:30 AM	20489	334	2.11	ND	ND	ND	ND	ND	ND	ND	5.2	106
10/01/18 09:00 AM	21311	346	2.09	ND	ND	ND	ND	ND	ND	ND	5.6	99
10/01/18 09:30 AM	21803	350	2.09	ND	ND	ND	ND	ND	ND	ND	8.8	115
10/01/18 10:00 AM	21742	351	2.09	ND	ND	ND	ND	ND	ND	ND	8.3	120
10/01/18 10:30 AM	21869	352	2.13	ND	ND	ND	ND	ND	ND	ND	9.9	100
10/01/18 11:00 AM	22053	350	2.11	ND	ND	ND	ND	ND	ND	ND	9.7	124
10/01/18 11:30 AM	21867	350	2.08	ND	ND	ND	ND	ND	ND	ND	9.3	109
10/01/18 12:00 PM	21158	351	2.07	ND	ND	ND	ND	ND	ND	ND	9.7	107
10/01/18 12:30 PM	21613	349	2.07	ND	ND	ND	ND	ND	ND	ND	10.9	122
10/01/18 01:00 PM	20885	348	2.06	ND	ND	ND	ND	ND	ND	ND	9.9	119
10/01/18 01:30 PM	20843	348	2.06	ND	ND	ND	ND	ND	ND	ND	9.0	119
10/01/18 02:00 PM	20541	348	2.07	ND	ND	ND	ND	ND	ND	ND	9.2	124
10/01/18 02:30 PM	20420	347	2.05	ND	ND	ND	ND	ND	ND	ND	9.7	122
10/01/18 03:00 PM	19904	347	2.04	ND	ND	ND	ND	ND	ND	ND	9.3	115
10/01/18 03:30 PM	20588	353	2.07	ND	ND	ND	ND	ND	ND	ND	9.4	106
10/01/18 04:00 PM	20254	354	2.07	ND	ND	ND	ND	ND	ND	ND	8.8	102
10/01/18 04:30 PM	19775	355	2.06	ND	ND	ND	ND	ND	ND	ND	7.7	101
10/01/18 05:00 PM	20156	355	2.06	ND	ND	ND	ND	ND	ND	ND	5.5	91
10/01/18 05:30 PM	20189	354	2.07	ND	ND	ND	ND	ND	ND	ND	5.2	100
10/01/18 06:00 PM	19949	353	2.07	ND	ND	ND	ND	ND	ND	ND	5.1	95
10/01/18 06:30 PM	20565	352	2.08	ND	ND	ND	ND	ND	ND	ND	5.3	97
10/01/18 07:00 PM	20899	351	2.23	ND	ND	ND	ND	ND	ND	ND	5.7	103
10/01/18 07:30 PM	21290	352	2.19	ND	ND	ND	ND	ND	ND	ND	6.5	95
10/01/18 08:00 PM	21573	354	2.25	ND	ND	ND	ND	ND	ND	ND	6.2	92
10/01/18 08:30 PM	21671	355	2.34	ND	ND	ND	ND	ND	ND	ND	5.6	90
10/01/18 09:00 PM	21634	355	2.14	ND	ND	ND	ND	ND	ND	ND	6.9	94
10/01/18 09:30 PM	21146	355	2.18	ND	ND	ND	ND	ND	ND	ND	6.8	90
10/01/18 10:00 PM	21250	355	2.24	ND	ND	ND	ND	ND	ND	ND	5.7	82
10/01/18 10:30 PM	21340	356	2.38	ND	ND	ND	ND	ND	ND	ND	5.0	83
10/01/18 11:00 PM	21438	355	2.20	ND	ND	ND	ND	ND	ND	ND	4.9	94
10/01/18 11:30 PM	21617	355	2.24	ND	ND	ND	ND	ND	ND	ND		
10/02/18 12:00 AM	21731	355	2.24	ND	ND	ND	ND	ND	ND	ND		

## Daily Processed Summary (Average, Maximum)

Average	20515	349	2.15	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.1	101
Maximum Value	22053	371	2.38	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10/02/18 12:30 AM	21703	357	2.29	ND	ND	ND	ND	ND	ND	ND	5.2	95
10/02/18 01:00 AM	21758	358	2.31	ND	ND	ND	ND	ND	ND	ND	4.0	62
10/02/18 01:30 AM	21888	357	2.25	ND	ND	ND	ND	ND	ND	ND	3.8	58
10/02/18 02:00 AM	21939	359	2.26	ND	ND	ND	ND	ND	ND	ND	4.7	77
10/02/18 02:30 AM	21537	362	2.25	ND	ND	ND	ND	ND	ND	ND	4.5	72
10/02/18 03:00 AM	21619	360	2.30	ND	ND	ND	ND	ND	ND	ND	3.4	56
10/02/18 03:30 AM	21670	361	2.24	ND	ND	ND	ND	ND	ND	ND	3.2	48
10/02/18 04:00 AM	21575	362	2.26	ND	ND	ND	ND	ND	ND	ND	4.4	48
10/02/18 04:30 AM	21242	366	2.28	ND	ND	ND	ND	ND	ND	ND	4.8	48
10/02/18 05:00 AM	21171	365	2.28	ND	ND	ND	ND	ND	ND	ND	4.5	59
10/02/18 05:30 AM	21234	360	2.24	ND	ND	ND	ND	ND	ND	0.00243	4.3	60
10/02/18 06:00 AM	17312	238	1.91	ND	ND	ND	ND	ND	ND	ND	2.9	64
10/02/18 06:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.4	63
10/02/18 07:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.0	68
10/02/18 07:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.8	61
10/02/18 08:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.2	77
10/02/18 08:30 AM	20021	284	2.12	ND	ND	ND	ND	ND	ND	ND	5.6	77
10/02/18 09:00 AM	22432	356	2.32	ND	ND	ND	ND	ND	ND	ND	6.4	90
10/02/18 09:30 AM	23120	355	2.34	ND	ND	ND	ND	ND	ND	ND	8.1	100
10/02/18 10:00 AM	23413	351	2.28	ND	ND	ND	ND	ND	ND	ND	7.9	102
10/02/18 10:30 AM	23388	350	2.21	ND	ND	ND	ND	ND	ND	ND	8.6	100
10/02/18 11:00 AM	23158	349	2.15	ND	ND	ND	ND	ND	ND	ND	9.0	115
10/02/18 11:30 AM	22861	347	2.14	ND	ND	ND	ND	ND	ND	ND	9.6	112
10/02/18 12:00 PM	21493	348	2.11	ND	ND	ND	ND	ND	ND	ND	9.3	125
10/02/18 12:30 PM	21748	347	2.12	ND	ND	ND	ND	ND	ND	ND	8.7	121
10/02/18 01:00 PM	21444	346	2.10	ND	ND	ND	ND	ND	ND	ND	9.7	139
10/02/18 01:30 PM	21404	347	2.11	ND	ND	ND	ND	ND	ND	ND	9.1	124
10/02/18 02:00 PM	21511	347	2.11	ND	ND	ND	ND	ND	ND	ND	9.8	127
10/02/18 02:30 PM	21754	347	2.12	ND	ND	ND	ND	ND	ND	ND	9.9	123
10/02/18 03:00 PM	21664	347	2.10	ND	ND	ND	ND	ND	ND	ND	10.1	131
10/02/18 03:30 PM	22172	346	2.11	ND	ND	ND	ND	ND	ND	ND	10.4	131
10/02/18 04:00 PM	22471	346	2.10	ND	ND	ND	ND	ND	ND	ND	9.3	123
10/02/18 04:30 PM	22069	347	2.09	ND	ND	0.00322	ND	ND	ND	ND	8.5	123
10/02/18 05:00 PM	21997	344	2.08	ND	ND	ND	ND	ND	ND	ND	9.1	113
10/02/18 05:30 PM	22110	343	2.07	ND	ND	ND	ND	ND	ND	ND	8.9	121
10/02/18 06:00 PM	21899	344	2.07	ND	ND	ND	ND	ND	ND	ND	6.2	120
10/02/18 06:30 PM	22946	342	2.10	ND	ND	ND	ND	ND	ND	ND	5.4	110
10/02/18 07:00 PM	22969	343	2.08	ND	ND	ND	ND	ND	ND	ND	4.8	111
10/02/18 07:30 PM	22876	344	2.07	ND	ND	ND	ND	ND	ND	ND	4.8	110
10/02/18 08:00 PM	22949	346	2.11	ND	ND	ND	ND	ND	ND	ND	4.4	104
10/02/18 08:30 PM	23193	347	2.14	ND	ND	ND	ND	ND	ND	ND	4.0	105
10/02/18 09:00 PM	23360	347	2.11	ND	ND	ND	ND	ND	ND	ND	4.1	100
10/02/18 09:30 PM	23310	348	2.20	ND	ND	ND	ND	ND	ND	ND	3.6	91
10/02/18 10:00 PM	23338	348	2.24	ND	ND	ND	ND	ND	ND	ND	4.0	101
10/02/18 10:30 PM	23299	350	2.44	ND	ND	ND	ND	ND	ND	ND	4.1	99
10/02/18 11:00 PM	23221	350	2.47	ND	ND	ND	ND	ND	ND	ND	4.0	98
10/02/18 11:30 PM	23298	349	2.44	ND	ND	ND	ND	ND	ND	ND	5.1	116
10/03/18 12:00 AM	23265	349	2.53	ND	ND	ND	ND	ND	ND	ND		

## Daily Processed Summary (Average, Maximum)

Average	22154	347	2.20	BDL	BDL	0.00007	BDL	BDL	BDL	0.00005	5.7	104
Maximum Value	23413	366	2.53	BDL	BDL	0.00322	BDL	BDL	BDL	0.00243		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	CGH6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	W5PD (mph)	WDIR (deg)
10/03/18 12:30 AM	23096	349	2.64	ND	ND	ND	ND	ND	ND	ND	4.7	110
10/03/18 01:00 AM	22978	348	2.27	ND	ND	ND	ND	ND	ND	ND	4.2	96
10/03/18 01:30 AM	22919	347	2.13	ND	ND	ND	ND	ND	ND	ND	4.0	79
10/03/18 02:00 AM	22819	351	2.73	ND	ND	ND	ND	ND	ND	ND	3.6	68
10/03/18 02:30 AM	22658	354	2.54	ND	ND	ND	ND	ND	ND	ND	2.0	120
10/03/18 03:00 AM	22222	366	2.57	ND	ND	ND	ND	ND	ND	ND	1.4	68
10/03/18 03:30 AM	22078	374	2.56	ND	ND	ND	ND	ND	ND	ND	2.5	69
10/03/18 04:00 AM	21996	374	2.61	ND	ND	ND	ND	ND	ND	ND	1.1	118
10/03/18 04:30 AM	22043	372	2.59	ND	ND	ND	ND	ND	ND	ND	1.3	276
10/03/18 05:00 AM	21985	369	2.58	ND	ND	ND	ND	ND	ND	ND	1.2	126
10/03/18 05:30 AM	21695	358	2.61	ND	ND	ND	ND	ND	ND	ND	1.4	285
10/03/18 06:00 AM	20942	307	2.36	ND	ND	ND	ND	ND	ND	ND	1.2	126
10/03/18 06:30 AM	21069	333	2.53	ND	ND	ND	ND	ND	ND	ND	1.2	126
10/03/18 07:00 AM	21165	356	2.61	ND	ND	ND	ND	ND	ND	ND	1.4	118
10/03/18 07:30 AM	21073	379	2.72	ND	ND	ND	ND	ND	ND	ND	1.2	185
10/03/18 08:00 AM	21213	384	2.64	ND	ND	ND	ND	ND	ND	ND	1.8	122
10/03/18 08:30 AM	21918	383	2.61	ND	ND	ND	ND	ND	ND	ND	2.7	116
10/03/18 09:00 AM	22842	370	2.49	ND	ND	ND	ND	ND	ND	ND	6.9	149
10/03/18 09:30 AM	23142	356	2.33	ND	ND	ND	ND	ND	ND	ND	8.1	164
10/03/18 10:00 AM	22606	344	2.11	ND	ND	ND	ND	ND	ND	ND	7.0	170
10/03/18 10:30 AM	21323	341	2.03	ND	ND	ND	ND	ND	ND	ND	6.9	183
10/03/18 11:00 AM	21619	340	2.03	ND	ND	ND	ND	ND	ND	ND	7.1	177
10/03/18 11:30 AM	21279	340	2.02	ND	ND	ND	ND	ND	ND	ND	6.8	188
10/03/18 12:00 PM	20828	340	2.02	ND	ND	ND	ND	ND	ND	ND	7.2	159
10/03/18 12:30 PM	20289	339	2.01	ND	ND	ND	ND	ND	ND	ND	7.7	162
10/03/18 01:00 PM	20643	341	2.03	ND	ND	ND	ND	ND	ND	ND	6.7	172
10/03/18 01:30 PM	20648	340	2.03	ND	ND	ND	ND	ND	ND	ND	9.2	159
10/03/18 02:00 PM	20635	339	2.03	ND	ND	ND	ND	ND	ND	ND	8.5	155
10/03/18 02:30 PM	20763	340	2.04	ND	ND	ND	ND	ND	ND	ND	9.1	160
10/03/18 03:00 PM	20297	337	2.01	ND	ND	ND	ND	ND	ND	ND	9.4	146
10/03/18 03:30 PM	20260	340	2.02	ND	ND	ND	ND	ND	ND	ND	9.9	154
10/03/18 04:00 PM	20291	337	2.01	ND	ND	ND	ND	ND	ND	ND	9.9	144
10/03/18 04:30 PM	20780	338	2.01	ND	ND	ND	ND	ND	ND	ND	9.1	135
10/03/18 05:00 PM	20994	335	2.01	ND	ND	ND	ND	ND	ND	ND	8.9	139
10/03/18 05:30 PM	21273	333	2.00	ND	ND	ND	ND	ND	ND	ND	9.5	128
10/03/18 06:00 PM	21442	332	2.00	ND	ND	ND	ND	ND	ND	ND	8.9	131
10/03/18 06:30 PM	21337	332	1.99	ND	ND	ND	ND	ND	ND	ND	7.8	128
10/03/18 07:00 PM	21488	334	2.00	ND	ND	ND	ND	ND	ND	ND	7.9	126
10/03/18 07:30 PM	21593	332	2.00	ND	ND	ND	ND	ND	ND	ND	7.4	126
10/03/18 08:00 PM	L5	L5	L5	L5	L5	L5	L5	L5	L5	L5	7.3	125
10/03/18 08:30 PM	L5	L5	L5	L5	L5	L5	L5	L5	L5	L5	6.6	124
10/03/18 09:00 PM	L5	L5	L5	L5	L5	L5	L5	L5	L5	L5	7.6	127
10/03/18 09:30 PM	L5	L5	L5	L5	L5	L5	L5	L5	L5	L5	6.5	125
10/03/18 10:00 PM	L5	L5	L5	L5	L5	L5	L5	L5	L5	L5	6.8	125
10/03/18 10:30 PM	L5	L5	L5	L5	L5	L5	L5	L5	L5	L5	7.0	127
10/03/18 11:00 PM	L5	L5	L5	L5	L5	L5	L5	L5	L5	L5	6.7	128
10/03/18 11:30 PM	L5	L5	L5	L5	L5	L5	L5	L5	L5	L5	6.5	123
10/04/18 12:00 AM	L5	L5	L5	L5	L5	L5	L5	L5	L5	L5	6.7	122

## Daily Processed Summary (Average, Maximum)

Average	21545	348	2.27	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.2	140
Maximum Value	23142	384	2.73	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10/04/18 12:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.6	138
10/04/18 01:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.8	131
10/04/18 01:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.7	145
10/04/18 02:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.1	153
10/04/18 02:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.5	165
10/04/18 03:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.3	180
10/04/18 04:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.7	183
10/04/18 04:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.8	191
10/04/18 05:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.5	197
10/04/18 05:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.9	191
10/04/18 06:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.8	181
10/04/18 06:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.1	142
10/04/18 07:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	1.5	110
10/04/18 07:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	1.5	111
10/04/18 08:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.0	103
10/04/18 08:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.7	93
10/04/18 09:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.0	103
10/04/18 09:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.2	98
10/04/18 10:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.4	104
10/04/18 10:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	8.6	106
10/04/18 11:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	8.1	116
10/04/18 11:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.3	127
10/04/18 12:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.4	140
10/04/18 12:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.9	145
10/04/18 01:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.5	110
10/04/18 01:30 PM	20750	340	2.04	ND	ND	ND	ND	ND	ND	ND	8.3	121
10/04/18 02:00 PM	20524	344	2.02	ND	ND	ND	ND	ND	ND	ND	10.1	122
10/04/18 02:30 PM	22112	343	2.05	ND	ND	ND	ND	ND	ND	ND	10.6	133
10/04/18 03:00 PM	21982	344	2.05	ND	ND	ND	ND	ND	ND	ND	11.4	136
10/04/18 03:30 PM	21758	344	2.05	ND	ND	ND	ND	ND	ND	ND	10.4	133
10/04/18 04:00 PM	20930	344	2.04	ND	ND	ND	ND	ND	ND	ND	10.1	132
10/04/18 04:30 PM	21175	344	2.04	ND	ND	ND	ND	ND	ND	ND	10.0	129
10/04/18 05:00 PM	20870	344	2.03	ND	ND	ND	ND	ND	ND	ND	9.5	129
10/04/18 05:30 PM	20550	344	2.03	ND	ND	ND	ND	ND	ND	ND	12.0	135
10/04/18 06:00 PM	21160	342	2.02	ND	ND	ND	ND	ND	ND	ND	9.2	122
10/04/18 06:30 PM	21248	342	2.02	ND	ND	ND	ND	ND	ND	ND	8.4	127
10/04/18 07:00 PM	21685	343	2.08	ND	ND	ND	ND	ND	ND	ND	8.2	125
10/04/18 07:30 PM	22041	344	2.10	ND	ND	ND	ND	ND	ND	ND	7.6	127
10/04/18 08:00 PM	22037	345	2.16	ND	ND	ND	ND	ND	ND	ND	7.7	127
10/04/18 08:30 PM	21769	345	2.09	ND	ND	ND	ND	ND	ND	ND	6.8	122
10/04/18 09:00 PM	21529	346	2.04	ND	ND	ND	ND	ND	ND	ND	7.4	123
10/04/18 09:30 PM	21387	346	2.03	ND	ND	ND	ND	ND	ND	ND	6.6	120
10/04/18 10:00 PM	21702	347	2.04	ND	ND	ND	ND	ND	ND	ND	7.0	121
10/04/18 10:30 PM	21542	347	2.03	ND	ND	ND	ND	ND	ND	ND	6.0	123
10/04/18 11:00 PM	21219	347	2.02	ND	ND	ND	ND	ND	ND	ND	6.7	123
10/04/18 11:30 PM	21497	346	2.04	ND	ND	ND	ND	ND	ND	ND	4.9	116
10/05/18 12:00 AM	21771	346	2.06	ND	ND	ND	ND	ND	ND	0.00634	4.6	114

## Daily Processed Summary (Average, Maximum)

Average	21420	344	2.05	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.4	131
Maximum Value	22112	347	2.16	BDL	BDL	BDL	BDL	BDL	BDL	0.00634		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10/05/18 12:30 AM	22024	348	2.08	ND	ND	ND	ND	ND	ND	ND	5.7	117
10/05/18 01:00 AM	22278	348	2.07	ND	ND	ND	ND	ND	ND	ND	4.5	106
10/05/18 01:30 AM	22389	348	2.09	ND	ND	ND	ND	ND	ND	ND	4.3	95
10/05/18 02:00 AM	22330	351	2.26	ND	ND	ND	ND	ND	ND	ND	4.6	81
10/05/18 02:30 AM	22171	354	2.68	ND	ND	ND	ND	ND	ND	ND	2.2	111
10/05/18 03:00 AM	21761	369	2.53	ND	ND	ND	ND	ND	ND	ND	1.2	113
10/05/18 03:30 AM	21735	370	2.50	ND	ND	ND	ND	ND	ND	ND	1.2	156
10/05/18 04:00 AM	21362	385	2.71	ND	ND	ND	ND	ND	ND	ND	1.5	156
10/05/18 04:30 AM	21086	397	2.87	ND	ND	ND	ND	ND	ND	ND	1.5	98
10/05/18 05:00 AM	21669	371	2.44	ND	ND	ND	ND	ND	ND	ND	1.4	54
10/05/18 05:30 AM	21864	367	2.40	ND	ND	ND	ND	ND	ND	ND	1.2	70
10/05/18 06:00 AM	21572	381	2.47	ND	ND	ND	ND	ND	ND	ND	1.9	23
10/05/18 06:30 AM	21647	379	2.49	ND	ND	ND	ND	ND	ND	ND	1.6	28
10/05/18 07:00 AM	21292	390	2.56	ND	ND	ND	ND	ND	ND	ND	1.4	77
10/05/18 07:30 AM	21064	389	2.54	ND	ND	ND	ND	ND	ND	ND	1.4	57
10/05/18 08:00 AM	21199	386	2.59	ND	ND	ND	ND	ND	ND	ND	5.5	74
10/05/18 08:30 AM	21387	385	2.59	ND	ND	ND	ND	ND	ND	ND	6.2	90
10/05/18 09:00 AM	22441	370	2.47	ND	ND	ND	ND	ND	ND	ND	6.6	120
10/05/18 09:30 AM	22989	355	2.32	ND	ND	ND	ND	ND	ND	ND	7.3	130
10/05/18 10:00 AM	22614	348	2.16	ND	ND	ND	ND	ND	ND	ND	8.1	122
10/05/18 10:30 AM	22556	342	2.07	ND	ND	ND	ND	ND	ND	ND	8.3	122
10/05/18 11:00 AM	21641	341	2.05	ND	ND	ND	ND	ND	ND	ND	8.7	118
10/05/18 11:30 AM	20948	341	2.03	ND	ND	ND	ND	ND	ND	ND	9.6	111
10/05/18 12:00 PM	21590	339	2.04	ND	ND	ND	ND	ND	ND	ND	9.5	121
10/05/18 12:30 PM	21613	339	2.04	ND	ND	ND	ND	ND	ND	ND	10.3	131
10/05/18 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.9	143
10/05/18 01:30 PM	21168	339	2.04	ND	ND	ND	ND	ND	ND	ND	10.5	130
10/05/18 02:00 PM	20690	341	2.03	ND	ND	ND	ND	ND	ND	ND	10.9	134
10/05/18 02:30 PM	20857	339	2.03	ND	ND	ND	ND	ND	ND	ND	11.5	139
10/05/18 03:00 PM	21264	340	2.03	ND	ND	ND	ND	ND	ND	ND	12.3	133
10/05/18 03:30 PM	21412	340	2.04	ND	ND	ND	ND	ND	ND	ND	12.4	137
10/05/18 04:00 PM	21550	340	2.05	ND	ND	ND	ND	ND	ND	ND	11.8	137
10/05/18 04:30 PM	21087	340	2.03	ND	ND	ND	ND	ND	ND	ND	11.8	128
10/05/18 05:00 PM	21121	340	2.04	ND	ND	ND	ND	ND	ND	ND	10.5	128
10/05/18 05:30 PM	20983	338	2.03	ND	ND	ND	ND	ND	ND	ND	11.6	131
10/05/18 06:00 PM	21349	338	2.04	ND	ND	ND	ND	ND	ND	ND	9.5	126
10/05/18 06:30 PM	21784	338	2.03	ND	ND	ND	ND	ND	ND	ND	7.9	124
10/05/18 07:00 PM	21623	339	2.03	ND	ND	ND	ND	ND	ND	ND	8.2	126
10/05/18 07:30 PM	21840	341	2.05	ND	ND	ND	ND	ND	ND	ND	8.0	127
10/05/18 08:00 PM	22167	342	2.05	ND	ND	ND	ND	ND	ND	ND	8.9	125
10/05/18 08:30 PM	22262	342	2.05	ND	ND	ND	ND	ND	ND	ND	8.6	125
10/05/18 09:00 PM	22328	342	2.05	ND	ND	ND	ND	ND	ND	ND	9.0	123
10/05/18 09:30 PM	22208	342	2.04	ND	ND	ND	ND	ND	ND	ND	8.6	126
10/05/18 10:00 PM	22533	341	2.05	ND	ND	ND	ND	ND	ND	ND	9.7	129
10/05/18 10:30 PM	22532	341	2.05	ND	ND	ND	ND	ND	ND	ND	10.3	130
10/05/18 11:00 PM	22451	341	2.05	ND	ND	ND	ND	ND	ND	ND	10.1	130
10/05/18 11:30 PM	22172	342	2.05	ND	ND	ND	ND	ND	ND	ND	10.8	133
10/06/18 12:00 AM	21293	342	2.04	ND	ND	ND	ND	ND	ND	ND	10.4	134

## Daily Processed Summary (Average, Maximum)

Average	21742	353	2.21	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7.0	124
Maximum Value	22989	397	2.87	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUJT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10/06/18 12:30 AM	21746	342	2.05	ND	ND	ND	ND	ND	ND	ND	10.3	131
10/06/18 01:00 AM	21993	341	2.05	ND	ND	ND	ND	ND	ND	ND	9.7	129
10/06/18 01:30 AM	21824	341	2.05	ND	ND	ND	ND	ND	ND	ND	9.8	131
10/06/18 02:00 AM	21871	341	2.06	ND	ND	ND	ND	ND	ND	ND	11.0	135
10/06/18 02:30 AM	22325	341	2.07	ND	ND	ND	ND	ND	ND	ND	11.9	136
10/06/18 03:00 AM	22286	341	2.06	ND	ND	ND	ND	ND	ND	ND	12.5	135
10/06/18 03:30 AM	22193	341	2.06	ND	ND	ND	ND	ND	ND	ND	8.8	130
10/06/18 04:00 AM	22000	341	2.05	ND	ND	ND	ND	ND	ND	ND	11.0	139
10/06/18 04:30 AM	22043	336	2.05	ND	ND	ND	ND	ND	ND	ND	9.3	143
10/06/18 05:00 AM	22058	339	2.05	ND	ND	ND	ND	ND	ND	ND	8.7	131
10/06/18 05:30 AM	22311	343	2.07	ND	ND	ND	ND	ND	ND	ND	7.5	131
10/06/18 06:00 AM	21892	341	2.05	ND	ND	ND	ND	ND	ND	ND	4.6	109
10/06/18 06:30 AM	21769	341	2.05	ND	ND	ND	ND	ND	ND	ND	2.2	125
10/06/18 07:00 AM	21960	339	2.15	ND	ND	ND	ND	ND	ND	ND	4.6	131
10/06/18 07:30 AM	22305	339	2.16	ND	ND	ND	ND	ND	ND	ND	6.0	138
10/06/18 08:00 AM	21998	333	2.21	ND	ND	ND	ND	ND	ND	ND	4.9	130
10/06/18 08:30 AM	22464	322	2.04	ND	ND	ND	ND	ND	ND	ND	8.6	136
10/06/18 09:00 AM	22854	338	2.07	ND	ND	ND	ND	ND	ND	ND	8.5	134
10/06/18 09:30 AM	22383	339	2.05	ND	ND	ND	ND	ND	ND	ND	8.3	130
10/06/18 10:00 AM	22438	343	2.06	ND	ND	ND	ND	ND	ND	ND	8.5	132
10/06/18 10:30 AM	21833	342	2.05	ND	ND	ND	ND	ND	ND	ND	8.5	136
10/06/18 11:00 AM	21606	342	2.04	ND	ND	ND	ND	ND	ND	ND	9.7	126
10/06/18 11:30 AM	21454	342	2.04	ND	ND	ND	ND	ND	ND	ND	10.2	132
10/06/18 12:00 PM	21394	340	2.04	ND	ND	ND	ND	ND	ND	ND	10.0	130
10/06/18 12:30 PM	21235	341	2.04	ND	ND	ND	ND	ND	ND	ND	10.1	125
10/06/18 01:00 PM	21146	341	2.03	ND	ND	ND	ND	ND	ND	ND	10.1	125
10/06/18 01:30 PM	21363	341	2.04	ND	ND	ND	ND	ND	ND	ND	9.7	140
10/06/18 02:00 PM	21061	341	2.04	ND	ND	ND	ND	ND	ND	ND	8.3	131
10/06/18 02:30 PM	20439	342	2.04	ND	ND	ND	ND	ND	ND	ND	10.5	134
10/06/18 03:00 PM	20393	343	2.03	ND	ND	ND	ND	ND	ND	ND	9.6	134
10/06/18 03:30 PM	20079	343	2.01	ND	ND	ND	ND	ND	ND	ND	9.8	129
10/06/18 04:00 PM	20679	343	2.03	ND	ND	ND	ND	ND	ND	ND	9.2	129
10/06/18 04:30 PM	21249	343	2.04	ND	ND	ND	ND	ND	ND	ND	10.5	138
10/06/18 05:00 PM	21662	341	2.04	ND	ND	ND	ND	ND	ND	ND	9.0	132
10/06/18 05:30 PM	21484	342	2.03	ND	ND	ND	ND	ND	ND	ND	7.6	128
10/06/18 06:00 PM	21422	343	2.03	ND	ND	ND	ND	ND	ND	ND	5.2	121
10/06/18 06:30 PM	20714	343	2.03	ND	ND	ND	ND	ND	ND	ND	4.6	121
10/06/18 07:00 PM	20635	343	2.04	ND	ND	ND	ND	ND	ND	ND	4.2	119
10/06/18 07:30 PM	21007	344	2.06	ND	ND	ND	ND	ND	ND	ND	4.6	117
10/06/18 08:00 PM	21133	345	2.06	ND	ND	ND	ND	ND	ND	ND	4.9	115
10/06/18 08:30 PM	21590	346	2.07	ND	ND	ND	ND	ND	ND	ND	5.8	121
10/06/18 09:00 PM	21761	347	2.08	ND	ND	ND	ND	ND	ND	ND	6.0	120
10/06/18 09:30 PM	21929	343	2.06	ND	ND	ND	ND	ND	ND	ND	6.4	125
10/06/18 10:00 PM	21868	344	2.04	ND	ND	ND	ND	ND	ND	ND	6.3	126
10/06/18 10:30 PM	21861	344	2.05	ND	ND	ND	ND	ND	ND	ND	5.5	124
10/06/18 11:00 PM	21865	344	2.06	ND	ND	ND	ND	ND	ND	ND	6.9	125
10/06/18 11:30 PM	22220	344	2.06	ND	ND	ND	ND	ND	ND	ND	7.8	127
10/07/18 12:00 AM	22550	344	2.07	ND	ND	ND	ND	ND	ND	ND	8.5	132

## Daily Processed Summary (Average, Maximum)

Average	21674	341	2.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	8.0	130
Maximum Value	22854	347	2.21	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected



Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	CGH6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCI_AVE (ppm)	ETQ_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	W5PD (mph)	WDIR (deg)
10/07/18 12:30 AM	22467	344	2.06	ND	ND	ND	ND	ND	ND	ND	9.4	136
10/07/18 01:00 AM	22554	343	2.06	ND	ND	ND	ND	ND	ND	ND	9.4	135
10/07/18 01:30 AM	22615	344	2.06	ND	ND	ND	ND	ND	ND	ND	10.3	135
10/07/18 02:00 AM	22550	344	2.06	ND	ND	ND	ND	ND	ND	ND	13.4	140
10/07/18 02:30 AM	22424	341	2.05	ND	ND	ND	ND	ND	ND	ND	11.0	168
10/07/18 03:00 AM	22293	344	2.05	ND	ND	ND	ND	ND	ND	ND	8.4	173
10/07/18 03:30 AM	22194	346	2.05	ND	ND	ND	ND	ND	ND	ND	7.3	170
10/07/18 04:00 AM	22267	343	2.04	ND	ND	ND	ND	ND	ND	ND	7.9	161
10/07/18 04:30 AM	22271	344	2.05	ND	ND	ND	ND	ND	ND	ND	6.8	166
10/07/18 05:00 AM	22335	347	2.06	ND	ND	ND	ND	ND	ND	ND	6.5	167
10/07/18 05:30 AM	22390	347	2.06	ND	ND	ND	ND	ND	ND	ND	7.4	151
10/07/18 06:00 AM	22368	344	2.05	ND	ND	ND	ND	ND	ND	ND	7.4	127
10/07/18 06:30 AM	22112	345	2.04	ND	ND	ND	ND	ND	ND	ND	4.2	119
10/07/18 07:00 AM	21511	344	2.02	ND	ND	ND	ND	ND	ND	ND	3.4	113
10/07/18 07:30 AM	20053	345	2.00	ND	ND	ND	ND	ND	ND	0.00219	2.9	112
10/07/18 08:00 AM	21023	345	2.04	ND	ND	ND	ND	ND	ND	ND	7.7	123
10/07/18 08:30 AM	21681	345	2.11	ND	ND	ND	ND	ND	ND	ND	9.2	127
10/07/18 09:00 AM	21605	341	2.05	ND	ND	ND	ND	ND	ND	ND	13.3	129
10/07/18 09:30 AM	21837	338	2.02	ND	ND	ND	ND	ND	ND	ND	14.4	133
10/07/18 10:00 AM	21971	338	2.02	ND	ND	ND	ND	ND	ND	ND	13.9	134
10/07/18 10:30 AM	21894	338	2.02	ND	ND	ND	ND	ND	ND	ND	13.3	156
10/07/18 11:00 AM	21913	338	2.02	ND	ND	ND	ND	ND	ND	ND	14.3	135
10/07/18 11:30 AM	21524	342	2.02	ND	ND	ND	ND	ND	ND	ND	15.1	138
10/07/18 12:00 PM	21853	341	2.02	ND	ND	ND	ND	ND	ND	ND	16.1	137
10/07/18 12:30 PM	21324	338	2.01	ND	ND	ND	ND	ND	ND	ND	14.3	129
10/07/18 01:00 PM	21588	338	2.02	ND	ND	ND	ND	ND	ND	ND	14.3	136
10/07/18 01:30 PM	21488	338	2.01	ND	ND	ND	ND	ND	ND	0.00306	14.9	142
10/07/18 02:00 PM	20792	339	2.00	ND	ND	ND	ND	ND	ND	ND	16.1	144
10/07/18 02:30 PM	20162	340	1.99	ND	ND	ND	ND	ND	ND	ND	16.5	145
10/07/18 03:00 PM	19605	339	1.98	ND	ND	ND	ND	ND	ND	ND	15.3	146
10/07/18 03:30 PM	19791	340	1.99	ND	ND	ND	ND	ND	ND	ND	12.9	131
10/07/18 04:00 PM	20177	342	2.00	ND	ND	ND	ND	ND	ND	ND	11.9	126
10/07/18 04:30 PM	20115	339	1.99	ND	ND	ND	ND	ND	ND	ND	10.8	125
10/07/18 05:00 PM	20666	337	2.00	ND	ND	ND	ND	ND	ND	ND	9.8	123
10/07/18 05:30 PM	20788	338	2.01	ND	ND	ND	ND	ND	ND	ND	9.2	123
10/07/18 06:00 PM	21054	338	2.01	ND	ND	ND	ND	ND	ND	ND	7.8	121
10/07/18 06:30 PM	21328	337	2.01	ND	ND	ND	ND	ND	ND	ND	7.6	123
10/07/18 07:00 PM	21406	338	2.01	ND	ND	ND	ND	ND	ND	ND	7.9	121
10/07/18 07:30 PM	21453	340	2.02	ND	ND	ND	ND	ND	ND	ND	7.6	125
10/07/18 08:00 PM	21413	340	2.02	0.00615	ND	ND	ND	ND	ND	ND	6.9	122
10/07/18 08:30 PM	21373	340	2.02	ND	ND	ND	ND	ND	ND	ND	7.8	127
10/07/18 09:00 PM	21229	341	2.02	ND	ND	ND	ND	ND	ND	ND	8.8	128
10/07/18 09:30 PM	21605	340	2.02	ND	ND	ND	ND	ND	ND	ND	9.0	129
10/07/18 10:00 PM	21913	337	2.03	ND	ND	ND	ND	ND	ND	ND	8.7	126
10/07/18 10:30 PM	21597	340	2.03	ND	ND	ND	ND	ND	ND	ND	9.5	127
10/07/18 11:00 PM	21365	341	2.02	ND	ND	ND	ND	ND	ND	ND	8.5	127
10/07/18 11:30 PM	21365	337	2.02	ND	ND	ND	ND	ND	ND	ND	9.3	127
10/08/18 12:00 AM	21386	339	2.02	ND	ND	ND	ND	ND	ND	ND		

Daily Processed Summary (Average, Maximum)

Average	21514	341	2.03	0.00013	BDL	BDL	BDL	BDL	BDL	0.00011	10.0	136
Maximum Value	22615	347	2.11	0.00615	BDL	BDL	BDL	BDL	BDL	0.00306		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

offline = Equipment Issues / Maintenance

LS = Low Signal

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10/08/18 12:30 AM	21176	341	2.02	ND	ND	ND	ND	ND	ND	ND	10.0	129
10/08/18 01:00 AM	20932	341	2.01	ND	ND	ND	ND	ND	ND	ND	9.9	129
10/08/18 01:30 AM	20812	340	2.00	ND	ND	ND	ND	ND	ND	ND	11.9	131
10/08/18 02:00 AM	20754	340	2.00	ND	ND	ND	ND	ND	ND	ND	10.0	133
10/08/18 02:30 AM	19964	340	1.99	ND	ND	ND	ND	ND	ND	ND	9.3	131
10/08/18 03:00 AM	19787	341	1.99	ND	ND	ND	ND	ND	ND	ND	8.3	128
10/08/18 03:30 AM	19961	340	1.99	ND	ND	ND	ND	ND	ND	0.00243	7.8	126
10/08/18 04:00 AM	20263	340	2.00	ND	ND	ND	ND	ND	ND	ND	7.4	126
10/08/18 04:30 AM	20343	340	2.00	ND	ND	ND	ND	ND	ND	ND	7.2	127
10/08/18 05:00 AM	19808	341	1.99	ND	ND	ND	ND	ND	ND	ND	6.8	124
10/08/18 05:30 AM	19823	342	1.99	ND	ND	ND	ND	ND	ND	ND	5.6	117
10/08/18 06:00 AM	20490	341	2.00	ND	ND	ND	ND	ND	ND	ND	8.2	131
10/08/18 06:30 AM	20896	341	2.01	ND	ND	ND	ND	ND	ND	ND	7.0	127
10/08/18 07:00 AM	20376	341	2.00	ND	ND	ND	ND	ND	ND	ND	5.5	116
10/08/18 07:30 AM	20333	341	2.08	ND	ND	ND	ND	ND	ND	ND	6.7	124
10/08/18 08:00 AM	20128	340	2.07	ND	ND	ND	ND	ND	ND	ND	8.6	121
10/08/18 08:30 AM	20109	336	2.04	ND	ND	ND	ND	ND	ND	ND	11.1	129
10/08/18 09:00 AM	20278	337	2.04	ND	ND	ND	ND	ND	ND	ND	12.6	135
10/08/18 09:30 AM	20599	335	2.03	ND	ND	ND	ND	ND	ND	ND	11.4	131
10/08/18 10:00 AM	20487	334	2.03	ND	ND	ND	ND	ND	ND	ND	10.0	129
10/08/18 10:30 AM	20705	334	2.04	ND	ND	ND	ND	ND	ND	ND	11.4	132
10/08/18 11:00 AM	20817	334	2.04	ND	ND	ND	0.00737	ND	ND	ND	14.0	135
10/08/18 11:30 AM	21265	335	2.05	ND	ND	ND	ND	ND	ND	ND	13.7	134
10/08/18 12:00 PM	20384	335	2.02	ND	ND	ND	ND	ND	ND	ND	13.5	132
10/08/18 12:30 PM	21376	339	2.06	ND	ND	ND	ND	ND	ND	ND	13.8	135
10/08/18 01:00 PM	20499	342	2.04	ND	ND	ND	ND	ND	ND	ND	14.6	136
10/08/18 01:30 PM	20883	342	2.05	ND	ND	ND	ND	ND	ND	ND	14.0	135
10/08/18 02:00 PM	20587	342	2.06	ND	ND	ND	0.00525	ND	ND	ND	12.8	132
10/08/18 02:30 PM	20252	344	2.05	ND	ND	ND	ND	ND	ND	ND	12.9	121
10/08/18 03:00 PM	20201	343	2.05	ND	ND	ND	ND	ND	ND	ND	13.3	131
10/08/18 03:30 PM	20334	343	2.05	ND	ND	ND	ND	ND	ND	ND	12.8	134
10/08/18 04:00 PM	21165	342	2.07	ND	ND	ND	ND	ND	ND	ND	10.6	125
10/08/18 04:30 PM	21192	343	2.06	ND	ND	ND	ND	ND	ND	ND	7.3	123
10/08/18 05:00 PM	20911	343	2.05	ND	ND	ND	ND	ND	ND	ND	7.6	122
10/08/18 05:30 PM	20535	343	2.04	ND	ND	ND	ND	ND	ND	ND	8.4	123
10/08/18 06:00 PM	20647	343	2.04	ND	ND	ND	ND	ND	ND	ND	7.3	127
10/08/18 06:30 PM	21184	344	2.05	ND	ND	ND	ND	ND	ND	ND	6.4	125
10/08/18 07:00 PM	21402	344	2.04	ND	ND	ND	ND	ND	ND	ND	7.0	117
10/08/18 07:30 PM	20470	345	2.01	ND	ND	ND	ND	ND	ND	ND	5.9	119
10/08/18 08:00 PM	20856	345	2.03	ND	ND	ND	ND	ND	ND	ND	7.7	123
10/08/18 08:30 PM	21032	345	2.03	ND	ND	ND	ND	ND	ND	ND	7.6	121
10/08/18 09:00 PM	20867	345	2.02	ND	ND	ND	ND	ND	ND	ND	6.5	107
10/08/18 09:30 PM	20835	345	2.02	ND	ND	ND	ND	ND	ND	ND	7.8	122
10/08/18 10:00 PM	21360	345	2.03	ND	ND	ND	ND	ND	ND	ND	8.8	126
10/08/18 10:30 PM	21369	344	2.03	ND	ND	ND	ND	ND	ND	ND	8.7	125
10/08/18 11:00 PM	20980	344	2.04	ND	ND	ND	ND	ND	ND	ND	7.8	122
10/08/18 11:30 PM	20851	345	2.03	ND	ND	ND	ND	ND	ND	ND	7.8	122
10/09/18 12:00 AM	21079	344	2.02	ND	ND	ND	ND	ND	ND	ND	7.8	122

## Daily Processed Summary (Average, Maximum)

Average	20653	341	2.03	BDL	BDL	BDL	0.00026	BDL	BDL	0.00005	9.4	128
Maximum Value	21402	345	2.08	BDL	BDL	BDL	0.00737	BDL	BDL	0.00243		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMs

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10/09/18 12:30 AM	20995	334	2.01	ND	ND	ND	ND	ND	ND	ND	7.6	124
10/09/18 01:00 AM	21106	344	2.03	ND	ND	ND	ND	ND	ND	ND	7.3	123
10/09/18 01:30 AM	21387	344	2.04	ND	ND	ND	ND	ND	ND	ND	8.9	128
10/09/18 02:00 AM	21841	345	2.05	ND	ND	ND	ND	ND	ND	ND	10.3	128
10/09/18 02:30 AM	21701	341	2.04	ND	ND	ND	ND	ND	ND	ND	7.8	125
10/09/18 03:00 AM	21487	344	2.05	ND	ND	ND	ND	ND	ND	ND	7.6	124
10/09/18 03:30 AM	21441	344	2.05	ND	ND	ND	ND	ND	ND	ND	8.1	126
10/09/18 04:00 AM	21913	345	2.07	ND	ND	ND	ND	ND	ND	ND	6.8	121
10/09/18 04:30 AM	21739	345	2.06	ND	ND	ND	ND	ND	ND	ND	5.5	122
10/09/18 05:00 AM	21983	345	2.06	ND	ND	ND	ND	ND	ND	ND	5.6	120
10/09/18 05:30 AM	21797	346	2.06	ND	ND	ND	ND	ND	ND	ND	5.6	120
10/09/18 06:00 AM	21552	347	2.07	ND	ND	ND	ND	ND	ND	ND	4.7	115
10/09/18 06:30 AM	21591	347	2.07	ND	ND	ND	ND	ND	ND	ND	2.5	105
10/09/18 07:00 AM	21630	345	2.07	ND	ND	ND	ND	ND	ND	ND	2.8	109
10/09/18 07:30 AM	20898	309	2.04	ND	ND	ND	ND	ND	ND	ND	4.1	121
10/09/18 08:00 AM	21505	318	2.21	ND	ND	ND	ND	ND	ND	ND	7.9	125
10/09/18 08:30 AM	22639	342	2.12	ND	ND	ND	ND	ND	ND	ND	13.1	130
10/09/18 09:00 AM	22785	343	2.08	ND	ND	ND	ND	ND	ND	ND	16.2	144
10/09/18 09:30 AM	22371	341	2.05	ND	ND	ND	ND	ND	ND	ND	13.5	141
10/09/18 10:00 AM	22358	342	2.06	ND	ND	ND	ND	ND	ND	ND	16.7	143
10/09/18 10:30 AM	22058	343	2.06	ND	ND	ND	ND	ND	ND	ND	13.8	140
10/09/18 11:00 AM	22199	341	2.05	ND	ND	ND	ND	ND	ND	ND	13.3	146
10/09/18 11:30 AM	22364	341	2.06	ND	ND	ND	ND	ND	ND	ND	14.5	144
10/09/18 12:00 PM	21881	343	2.06	ND	ND	ND	ND	ND	ND	ND	14.5	145
10/09/18 12:30 PM	21751	343	2.07	ND	ND	ND	ND	ND	ND	ND	15.7	145
10/09/18 01:00 PM	21869	342	2.06	ND	ND	ND	ND	ND	ND	ND	16.4	145
10/09/18 01:30 PM	22420	341	2.07	ND	ND	ND	ND	ND	ND	ND	16.6	147
10/09/18 02:00 PM	22298	341	2.07	ND	ND	ND	ND	ND	ND	ND	17.7	146
10/09/18 02:30 PM	22048	340	2.06	ND	ND	ND	ND	ND	ND	ND	15.6	144
10/09/18 03:00 PM	21922	339	2.05	ND	ND	ND	ND	ND	ND	ND	16.3	143
10/09/18 03:30 PM	22305	342	2.07	ND	ND	ND	ND	ND	ND	ND	14.9	143
10/09/18 04:00 PM	22453	340	2.07	ND	ND	ND	ND	ND	ND	ND	12.5	144
10/09/18 04:30 PM	22829	343	2.08	ND	ND	ND	ND	ND	ND	ND	10.9	141
10/09/18 05:00 PM	22803	343	2.08	ND	ND	ND	ND	ND	ND	ND	10.9	141
10/09/18 05:30 PM	23007	344	2.08	ND	ND	ND	0.00223	ND	ND	ND	10.9	133
10/09/18 06:00 PM	23040	343	2.08	ND	ND	ND	0.00746	ND	ND	0.02161	7.2	128
10/09/18 06:30 PM	22818	342	2.06	ND	ND	ND	0.00181	ND	ND	0.00534	8.4	132
10/09/18 07:00 PM	22940	341	2.07	ND	ND	ND	ND	ND	ND	ND	5.4	112
10/09/18 07:30 PM	23004	341	2.07	0.00452	ND	ND	ND	ND	ND	ND	5.2	119
10/09/18 08:00 PM	23040	342	2.11	ND	ND	ND	ND	ND	ND	ND	2.4	163
10/09/18 08:30 PM	23017	343	2.11	ND	ND	ND	ND	ND	ND	ND	4.4	68
10/09/18 09:00 PM	22519	344	2.11	ND	ND	ND	ND	ND	ND	ND	9.5	29
10/09/18 09:30 PM	20743	342	2.06	ND	ND	ND	ND	ND	ND	ND	4.9	50
10/09/18 10:00 PM	17896	301	1.88	ND	ND	ND	ND	ND	ND	ND	7.1	160
10/09/18 10:30 PM	16187	303	1.84	ND	ND	ND	ND	ND	ND	ND	3.4	206
10/09/18 11:00 PM	19273	292	1.90	ND	ND	ND	ND	ND	ND	ND	1.2	217
10/09/18 11:30 PM	20326	321	1.99	ND	ND	ND	ND	ND	ND	ND	3.4	290
10/10/18 12:00 AM	20864	317	2.00	ND	ND	ND	ND	ND	ND	ND	0.8	200

## Daily Processed Summary (Average, Maximum)

Average	21762	338	2.05	0.00009	BDL	BDL	0.00024	BDL	BDL	0.00056	8.5	136
Maximum Value	23040	347	2.21	0.00452	BDL	BDL	0.00746	BDL	BDL	0.02161		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10/10/18 12:30 AM	20166	330	2.47	ND	ND	ND	ND	ND	ND	ND	1.2	332
10/10/18 01:00 AM	20380	338	2.36	ND	ND	ND	ND	ND	ND	ND	0.8	238
10/10/18 01:30 AM	20165	337	2.25	ND	ND	ND	ND	ND	ND	ND	1.7	177
10/10/18 02:00 AM	20084	343	2.49	ND	ND	ND	ND	ND	ND	ND	4.1	290
10/10/18 02:30 AM	20219	347	2.30	ND	ND	ND	ND	ND	ND	ND	4.1	350
10/10/18 03:00 AM	19904	346	2.08	ND	ND	ND	0.00113	ND	ND	ND	6.5	345
10/10/18 03:30 AM	19879	348	2.09	ND	ND	ND	ND	ND	ND	ND	5.0	349
10/10/18 04:00 AM	19942	352	2.15	ND	ND	ND	ND	ND	ND	ND	6.4	348
10/10/18 04:30 AM	19820	354	2.16	ND	ND	ND	ND	ND	ND	ND	5.0	241
10/10/18 05:00 AM	19966	354	2.16	ND	ND	ND	ND	ND	ND	ND	1.2	32
10/10/18 05:30 AM	19954	356	2.15	ND	ND	ND	ND	ND	ND	ND	2.4	30
10/10/18 06:00 AM	19896	358	2.21	ND	ND	ND	ND	ND	ND	ND	2.7	31
10/10/18 06:30 AM	19687	358	2.17	ND	ND	ND	ND	ND	ND	ND	3.1	58
10/10/18 07:00 AM	19602	359	2.17	ND	ND	ND	ND	ND	ND	ND	2.9	59
10/10/18 07:30 AM	19537	360	2.18	ND	ND	ND	ND	ND	ND	ND	3.4	137
10/10/18 08:00 AM	19436	360	2.16	ND	ND	ND	ND	ND	ND	ND	8.8	124
10/10/18 08:30 AM	19378	361	2.16	ND	ND	ND	ND	ND	ND	ND	7.4	24
10/10/18 09:00 AM	19439	360	2.15	ND	ND	ND	ND	ND	ND	ND	6.4	34
10/10/18 09:30 AM	19379	357	2.15	ND	ND	ND	ND	ND	ND	ND	6.3	19
10/10/18 10:00 AM	19663	355	2.14	ND	ND	ND	ND	ND	ND	ND	8.4	16
10/10/18 10:30 AM	19921	354	2.14	ND	ND	ND	ND	ND	ND	ND	9.9	7
10/10/18 11:00 AM	20066	351	2.11	ND	ND	ND	ND	ND	ND	ND	11.8	75
10/10/18 11:30 AM	20177	347	2.10	ND	ND	ND	ND	ND	ND	ND	11.3	13
10/10/18 12:00 PM	19810	345	2.07	ND	ND	ND	ND	ND	ND	ND	11.0	13
10/10/18 12:30 PM	19073	344	2.05	ND	ND	ND	ND	ND	ND	ND	11.3	183
10/10/18 01:00 PM	18513	342	2.05	ND	ND	ND	ND	ND	ND	ND	11.8	124
10/10/18 01:30 PM	18556	342	2.06	ND	ND	ND	ND	ND	ND	ND	11.0	122
10/10/18 02:00 PM	18785	341	2.05	ND	ND	ND	ND	ND	ND	ND	10.5	122
10/10/18 02:30 PM	18555	341	2.06	ND	ND	ND	ND	ND	ND	ND	11.1	182
10/10/18 03:00 PM	17989	339	2.05	ND	ND	ND	ND	ND	ND	ND	10.3	239
10/10/18 03:30 PM	17585	339	2.04	ND	ND	ND	ND	ND	ND	ND	11.6	180
10/10/18 04:00 PM	17529	338	2.04	ND	ND	ND	ND	ND	ND	ND	10.7	66
10/10/18 04:30 PM	17324	340	2.04	ND	ND	ND	0.00085	ND	ND	ND	11.2	182
10/10/18 05:00 PM	16467	340	2.03	ND	ND	ND	ND	ND	ND	ND	10.1	65
10/10/18 05:30 PM	16243	339	2.01	ND	ND	ND	ND	ND	ND	ND	7.5	5
10/10/18 06:00 PM	16476	338	2.02	ND	ND	ND	ND	ND	ND	ND	6.5	62
10/10/18 06:30 PM	17274	340	2.05	ND	ND	ND	ND	ND	ND	ND	4.8	180
10/10/18 07:00 PM	17721	341	2.06	ND	ND	ND	ND	ND	ND	ND	2.0	180
10/10/18 07:30 PM	17974	343	2.08	ND	ND	ND	ND	ND	ND	ND	1.2	177
10/10/18 08:00 PM	17972	345	2.11	ND	ND	ND	ND	ND	ND	ND	4.3	6
10/10/18 08:30 PM	17974	347	2.16	ND	ND	ND	ND	ND	ND	ND	6.3	8
10/10/18 09:00 PM	17591	345	2.10	ND	ND	ND	ND	ND	ND	ND	5.4	15
10/10/18 09:30 PM	17153	345	2.08	ND	ND	ND	ND	ND	ND	ND	5.0	10
10/10/18 10:00 PM	16878	346	2.09	ND	ND	ND	ND	ND	ND	ND	3.0	14
10/10/18 10:30 PM	16769	348	2.18	ND	ND	ND	ND	ND	ND	ND	4.4	19
10/10/18 11:00 PM	16480	349	2.15	ND	ND	ND	ND	ND	ND	ND	3.2	22
10/10/18 11:30 PM	16198	349	2.20	ND	ND	ND	ND	ND	ND	ND	1.9	33
10/11/18 12:00 AM	15997	350	2.24	ND	ND	ND	ND	ND	ND	ND	2.4	33

## Daily Processed Summary (Average, Maximum)

Average	18659	347	2.14	BDL	BDL	BDL	0.00004	BDL	BDL	BDL	2.2	55
Maximum Value	20380	361	2.49	BDL	BDL	BDL	0.00113	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10/11/18 12:30 AM	15820	351	2.17	ND	ND	ND	ND	ND	ND	ND	0.8	34
10/11/18 01:00 AM	15588	351	2.12	ND	ND	ND	ND	ND	ND	ND	0.6	31
10/11/18 01:30 AM	15432	351	2.14	ND	ND	ND	ND	ND	ND	ND	0.6	25
10/11/18 02:00 AM	15339	351	2.17	ND	ND	ND	ND	ND	ND	ND	0.7	31
10/11/18 02:30 AM	15254	353	2.23	ND	ND	ND	ND	ND	ND	ND	1.5	26
10/11/18 03:00 AM	15121	352	2.20	ND	ND	ND	ND	ND	ND	ND	6.2	26
10/11/18 03:30 AM	14919	352	2.26	ND	ND	ND	ND	ND	ND	ND	5.8	21
10/11/18 04:00 AM	14950	351	2.20	ND	ND	ND	ND	ND	ND	ND	7.8	24
10/11/18 04:30 AM	14998	351	2.34	ND	ND	ND	ND	ND	ND	ND	9.5	27
10/11/18 05:00 AM	14920	350	2.26	ND	ND	ND	ND	ND	ND	ND	7.5	27
10/11/18 05:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.3	30
10/11/18 06:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.5	28
10/11/18 06:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.2	32
10/11/18 07:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.6	32
10/11/18 07:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.4	40
10/11/18 08:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.5	37
10/11/18 08:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	8.5	45
10/11/18 09:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	10.0	51
10/11/18 09:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	10.7	53
10/11/18 10:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	9.9	47
10/11/18 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.3	61
10/11/18 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.1	55
10/11/18 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.3	50
10/11/18 12:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.1	60
10/11/18 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.8	81
10/11/18 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.2	61
10/11/18 01:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.4	101
10/11/18 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.0	84
10/11/18 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.1	67
10/11/18 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.5	68
10/11/18 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.3	133
10/11/18 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.6	130
10/11/18 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.4	124
10/11/18 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.2	122
10/11/18 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.7	117
10/11/18 06:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	1.8	107
10/11/18 06:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	1.2	103
10/11/18 07:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.0	102
10/11/18 07:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.4	96
10/11/18 08:00 PM	15987	357	2.12	ND	ND	ND	ND	ND	ND	ND	2.4	100
10/11/18 08:30 PM	16172	358	2.12	ND	ND	ND	ND	ND	ND	ND	1.8	92
10/11/18 09:00 PM	16475	361	2.31	ND	ND	ND	ND	ND	ND	ND	0.6	93
10/11/18 09:30 PM	16445	362	2.20	ND	ND	ND	ND	ND	ND	ND	0.6	66
10/11/18 10:00 PM	16273	362	2.37	ND	ND	ND	ND	ND	ND	ND	0.6	65
10/11/18 10:30 PM	16038	363	2.45	ND	ND	ND	ND	ND	ND	ND	1.1	58
10/11/18 11:00 PM	15858	365	2.33	ND	ND	ND	ND	ND	ND	ND	2.1	70
10/11/18 11:30 PM	15619	368	2.36	ND	ND	ND	ND	ND	ND	ND	2.7	64
10/12/18 12:00 AM	15439	372	2.36	ND	ND	ND	ND	ND	ND	ND		

Daily Processed Summary (Average, Maximum)

Average	15613	357	2.25	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.2	59
Maximum Value	16475	372	2.45	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10/12/18 12:30 AM	14696	369	2.27	ND	ND	ND	ND	ND	ND	ND	1.9	71
10/12/18 01:00 AM	14417	369	2.28	ND	ND	ND	ND	ND	ND	ND	4.2	81
10/12/18 01:30 AM	14096	369	2.25	ND	ND	ND	ND	ND	ND	ND	5.9	81
10/12/18 02:00 AM	13838	368	2.32	ND	ND	ND	ND	ND	ND	ND	5.5	79
10/12/18 02:30 AM	13679	365	2.31	ND	ND	ND	ND	ND	ND	ND	4.6	77
10/12/18 03:00 AM	13731	366	2.29	ND	ND	ND	ND	ND	ND	ND	2.1	58
10/12/18 03:30 AM	13891	367	2.31	ND	ND	ND	ND	ND	ND	ND	0.9	65
10/12/18 04:00 AM	14098	368	2.29	ND	ND	ND	ND	ND	ND	ND	1.0	56
10/12/18 04:30 AM	14355	369	2.34	ND	ND	ND	ND	ND	ND	ND	0.9	69
10/12/18 05:00 AM	14501	367	2.30	ND	ND	ND	ND	ND	ND	ND	2.6	77
10/12/18 05:30 AM	14565	367	2.27	ND	ND	ND	ND	ND	ND	ND	2.4	53
10/12/18 06:00 AM	14728	366	2.37	ND	ND	ND	ND	ND	ND	ND	2.9	49
10/12/18 06:30 AM	14755	368	2.32	ND	ND	ND	ND	ND	ND	ND	4.5	38
10/12/18 07:00 AM	14651	371	2.30	ND	ND	ND	ND	ND	ND	ND	5.6	54
10/12/18 07:30 AM	14534	370	2.29	ND	ND	ND	ND	ND	ND	ND	5.7	48
10/12/18 08:00 AM	14464	368	2.31	ND	ND	ND	ND	ND	ND	ND	4.8	48
10/12/18 08:30 AM	14664	366	2.29	ND	ND	ND	ND	ND	ND	ND	5.7	64
10/12/18 09:00 AM	15045	362	2.27	ND	ND	ND	0.00228	ND	ND	ND	3.2	54
10/12/18 09:30 AM	15734	357	2.25	ND	ND	ND	0.00114	ND	ND	ND	3.4	68
10/12/18 10:00 AM	16566	352	2.24	ND	ND	ND	ND	ND	ND	ND	6.1	100
10/12/18 10:30 AM	17275	346	2.22	ND	ND	ND	ND	ND	ND	ND	8.3	114
10/12/18 11:00 AM	17476	342	2.16	ND	ND	ND	ND	ND	ND	ND	10.4	124
10/12/18 11:30 AM	17520	338	2.08	ND	ND	ND	ND	ND	ND	ND	10.9	131
10/12/18 12:00 PM	17237	337	2.00	ND	ND	ND	ND	ND	ND	ND	11.6	147
10/12/18 12:30 PM	17190	336	1.99	ND	ND	ND	ND	ND	ND	ND	12.3	143
10/12/18 01:00 PM	17287	336	2.01	ND	ND	ND	ND	ND	ND	ND	11.9	141
10/12/18 01:30 PM	17338	335	2.00	ND	ND	ND	ND	ND	ND	ND	11.6	129
10/12/18 02:00 PM	17643	336	2.00	ND	ND	ND	ND	ND	ND	ND	12.1	140
10/12/18 02:30 PM	17739	335	1.99	ND	ND	ND	0.00085	ND	ND	ND	11.9	141
10/12/18 03:00 PM	17925	335	2.00	ND	ND	ND	ND	ND	ND	ND	11.7	132
10/12/18 03:30 PM	18230	337	2.01	ND	ND	ND	ND	ND	ND	ND	11.3	131
10/12/18 04:00 PM	18281	336	2.01	ND	ND	ND	0.00128	ND	ND	ND	10.5	130
10/12/18 04:30 PM	18173	336	2.00	ND	ND	ND	0.00206	ND	ND	ND	11.1	131
10/12/18 05:00 PM	18247	337	2.00	ND	ND	ND	ND	ND	ND	ND	8.9	127
10/12/18 05:30 PM	18258	336	2.00	ND	ND	ND	ND	ND	ND	ND	8.3	127
10/12/18 06:00 PM	18401	336	2.00	ND	ND	ND	ND	ND	ND	ND	6.6	121
10/12/18 06:30 PM	18383	337	2.00	ND	ND	ND	ND	ND	ND	ND	3.4	108
10/12/18 07:00 PM	18566	339	2.01	ND	ND	ND	ND	ND	ND	ND	1.9	102
10/12/18 07:30 PM	18975	342	2.07	ND	ND	ND	ND	ND	ND	ND	1.0	99
10/12/18 08:00 PM	19286	346	2.23	ND	ND	ND	ND	ND	ND	ND	1.3	101
10/12/18 08:30 PM	19385	348	2.25	ND	ND	ND	ND	ND	ND	ND	1.3	101
10/12/18 09:00 PM	19470	350	2.30	ND	ND	ND	ND	ND	ND	ND	1.3	97
10/12/18 09:30 PM	19561	355	2.47	ND	ND	ND	ND	ND	ND	ND	3.1	109
10/12/18 10:00 PM	19594	352	2.16	ND	ND	ND	ND	ND	ND	ND	5.6	117
10/12/18 10:30 PM	19708	349	2.12	ND	ND	ND	ND	ND	ND	ND	5.7	114
10/12/18 11:00 PM	19688	347	2.07	ND	ND	ND	ND	ND	ND	ND	3.9	121
10/12/18 11:30 PM	19675	344	2.06	0.00564	ND	ND	ND	ND	ND	ND	4.4	125
10/13/18 12:00 AM	19931	344	2.06	ND	ND	ND	ND	ND	ND	ND	5.8	129

## Daily Processed Summary (Average, Maximum)

Average	16822	351	2.17	0.00012	BDL	BDL	0.00016	BDL	BDL	BDL	5.2	115
Maximum Value	19931	371	2.47	0.00564	BDL	BDL	0.00228	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	W5PD (mph)	WDIR (deg)
10/13/18 12:30 AM	20127	343	2.07	ND	ND	ND	ND	ND	ND	ND	4.2	161
10/13/18 01:00 AM	20242	343	2.08	ND	ND	ND	ND	ND	ND	ND	5.9	153
10/13/18 01:30 AM	20571	345	2.08	ND	ND	ND	ND	ND	ND	ND	3.5	122
10/13/18 02:00 AM	20489	343	2.07	ND	ND	ND	ND	ND	ND	ND	0.9	86
10/13/18 02:30 AM	20615	344	2.11	ND	ND	ND	ND	ND	ND	ND	4.8	116
10/13/18 03:00 AM	20758	356	2.50	ND	ND	ND	ND	ND	ND	ND	11.7	133
10/13/18 03:30 AM	21027	351	2.27	ND	ND	ND	ND	ND	ND	ND	9.2	129
10/13/18 04:00 AM	21034	340	2.08	ND	ND	ND	ND	ND	ND	ND	9.1	129
10/13/18 04:30 AM	21078	340	2.07	ND	ND	ND	ND	ND	ND	ND	9.7	133
10/13/18 05:00 AM	21291	339	2.07	ND	ND	ND	ND	ND	ND	ND	11.8	135
10/13/18 05:30 AM	21366	339	2.07	ND	ND	ND	ND	ND	ND	ND	12.3	136
10/13/18 06:00 AM	21458	338	2.06	ND	ND	ND	ND	ND	ND	ND	14.7	137
10/13/18 06:30 AM	21422	338	2.05	ND	ND	ND	ND	ND	ND	ND	16.3	139
10/13/18 07:00 AM	21575	338	2.06	ND	ND	ND	ND	ND	ND	ND	14.2	137
10/13/18 07:30 AM	21646	338	2.06	ND	ND	ND	ND	ND	ND	ND	15.9	137
10/13/18 08:00 AM	21430	338	2.05	ND	ND	ND	ND	ND	ND	ND	17.2	139
10/13/18 08:30 AM	21466	336	2.07	ND	ND	ND	ND	ND	ND	ND	15.3	142
10/13/18 09:00 AM	21354	335	2.04	ND	ND	ND	ND	ND	ND	ND	15.3	146
10/13/18 09:30 AM	21677	337	2.05	ND	ND	ND	ND	ND	ND	ND	17.1	151
10/13/18 10:00 AM	21708	342	2.05	ND	ND	ND	ND	ND	ND	ND	17.9	156
10/13/18 10:30 AM	21484	339	2.03	ND	ND	ND	ND	ND	ND	ND	18.3	156
10/13/18 11:00 AM	21635	338	2.04	ND	ND	ND	ND	ND	ND	ND	18.5	163
10/13/18 11:30 AM	21569	332	2.02	ND	ND	ND	ND	ND	ND	ND	20.8	167
10/13/18 12:00 PM	21261	326	2.00	ND	ND	ND	ND	ND	ND	ND	21.1	168
10/13/18 12:30 PM	21018	323	1.99	ND	ND	ND	ND	ND	ND	ND	20.7	166
10/13/18 01:00 PM	21046	323	1.99	ND	ND	ND	ND	ND	ND	ND	18.7	169
10/13/18 01:30 PM	21078	323	1.99	ND	ND	ND	ND	ND	ND	ND	19.9	171
10/13/18 02:00 PM	21319	327	2.01	ND	ND	ND	ND	ND	ND	0.00646	19.7	170
10/13/18 02:30 PM	21176	324	2.00	ND	ND	ND	ND	ND	ND	ND	17.6	169
10/13/18 03:00 PM	21167	322	2.00	ND	ND	ND	ND	ND	ND	ND	19.7	171
10/13/18 03:30 PM	21188	322	2.01	ND	ND	ND	ND	ND	ND	ND	17.2	169
10/13/18 04:00 PM	21343	322	2.00	ND	ND	ND	ND	ND	ND	0.00367	18.7	170
10/13/18 04:30 PM	21189	325	2.00	ND	ND	ND	ND	ND	ND	ND	18.1	169
10/13/18 05:00 PM	21875	333	2.03	ND	ND	ND	ND	ND	ND	ND	17.5	172
10/13/18 05:30 PM	21714	335	2.03	ND	ND	ND	ND	ND	ND	ND	16.5	173
10/13/18 06:00 PM	21678	335	2.04	ND	ND	ND	ND	ND	ND	ND	15.5	174
10/13/18 06:30 PM	21819	337	2.04	ND	ND	ND	ND	ND	ND	ND	14.5	174
10/13/18 07:00 PM	22107	338	2.05	0.00565	ND	ND	ND	ND	ND	ND	13.6	171
10/13/18 07:30 PM	22146	339	2.06	ND	ND	ND	ND	ND	ND	0.00537	12.6	174
10/13/18 08:00 PM	22305	340	2.07	ND	ND	ND	ND	ND	ND	ND	12.8	175
10/13/18 08:30 PM	22289	339	2.07	ND	ND	ND	ND	ND	ND	ND	15.2	166
10/13/18 09:00 PM	22355	340	2.09	ND	ND	ND	ND	ND	ND	ND	12.4	167
10/13/18 09:30 PM	22512	341	2.08	ND	ND	ND	ND	ND	ND	ND	12.5	170
10/13/18 10:00 PM	22646	342	2.08	ND	ND	ND	ND	ND	ND	ND	14.6	170
10/13/18 10:30 PM	22537	341	2.07	ND	ND	ND	ND	ND	ND	ND	12.0	170
10/13/18 11:00 PM	22426	340	2.07	ND	ND	ND	ND	ND	ND	ND	12.7	168
10/13/18 11:30 PM	22482	341	2.07	ND	ND	ND	ND	ND	ND	ND	13.3	166
10/14/18 12:00 AM	22475	340	2.07	ND	ND	ND	ND	ND	ND	ND	12.2	165

## Daily Processed Summary (Average, Maximum)

Average	21504	336	2.06	0.00012	BDL	BDL	BDL	BDL	BDL	BDL	13.8	159
Maximum Value	22646	356	2.50	0.00565	BDL	BDL	BDL	BDL	BDL	0.00646		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10/14/18 12:30 AM	22677	343	2.08	ND	ND	ND	ND	ND	ND	ND	11.8	164
10/14/18 01:00 AM	22626	343	2.08	ND	ND	ND	ND	ND	ND	ND	13.2	157
10/14/18 01:30 AM	22428	344	2.08	ND	0.00352	ND	ND	ND	ND	ND	13.4	157
10/14/18 02:00 AM	22393	347	2.08	ND	ND	ND	ND	ND	ND	ND	12.4	160
10/14/18 02:30 AM	22257	346	2.07	ND	ND	ND	ND	ND	ND	ND	14.7	156
10/14/18 03:00 AM	22078	345	2.07	ND	ND	ND	ND	ND	ND	ND	13.5	166
10/14/18 03:30 AM	22176	349	2.06	ND	ND	ND	ND	ND	ND	ND	13.4	168
10/14/18 04:00 AM	22018	344	2.06	ND	ND	ND	ND	ND	ND	ND	14.2	166
10/14/18 04:30 AM	21770	342	2.06	ND	ND	ND	ND	ND	ND	ND	14.0	167
10/14/18 05:00 AM	21734	343	2.06	ND	ND	ND	ND	ND	ND	ND	11.4	170
10/14/18 05:30 AM	21770	343	2.06	ND	ND	ND	ND	ND	ND	ND	12.0	168
10/14/18 06:00 AM	21386	341	2.05	ND	ND	ND	ND	ND	ND	ND	11.4	168
10/14/18 06:30 AM	21221	343	2.06	ND	ND	ND	ND	ND	ND	ND	11.7	166
10/14/18 07:00 AM	21282	343	2.06	ND	ND	ND	ND	ND	ND	ND	10.2	169
10/14/18 07:30 AM	21127	343	2.05	ND	ND	ND	ND	ND	ND	ND	12.2	167
10/14/18 08:00 AM	21136	343	2.04	ND	ND	ND	ND	ND	ND	ND	12.7	169
10/14/18 08:30 AM	21273	342	2.04	ND	ND	ND	ND	ND	ND	ND	12.2	173
10/14/18 09:00 AM	21267	339	2.03	ND	ND	ND	0.00135	ND	ND	ND	13.6	172
10/14/18 09:30 AM	21331	337	2.04	ND	ND	ND	0.00113	ND	ND	ND	14.8	175
10/14/18 10:00 AM	20946	334	2.03	ND	ND	ND	ND	ND	ND	ND	13.7	171
10/14/18 10:30 AM	20364	332	2.02	ND	ND	ND	ND	ND	ND	ND	14.2	170
10/14/18 11:00 AM	20297	331	2.02	ND	ND	ND	ND	ND	ND	ND	13.5	170
10/14/18 11:30 AM	20224	331	2.02	ND	ND	ND	ND	ND	ND	ND	14.4	163
10/14/18 12:00 PM	20210	331	2.01	ND	ND	ND	ND	ND	ND	ND	14.4	157
10/14/18 12:30 PM	20085	331	2.00	ND	ND	ND	ND	ND	ND	ND	14.8	142
10/14/18 01:00 PM	19944	332	2.01	ND	ND	ND	ND	ND	ND	ND	13.9	144
10/14/18 01:30 PM	20496	332	2.03	ND	ND	ND	ND	ND	ND	ND	13.6	152
10/14/18 02:00 PM	20335	332	2.03	ND	ND	ND	ND	ND	ND	ND	13.4	140
10/14/18 02:30 PM	20474	332	2.03	ND	ND	ND	ND	ND	ND	ND	12.6	151
10/14/18 03:00 PM	19971	331	2.02	ND	ND	ND	ND	ND	ND	ND	12.6	147
10/14/18 03:30 PM	20039	332	2.01	ND	ND	ND	ND	ND	ND	ND	11.4	143
10/14/18 04:00 PM	20118	332	2.00	ND	ND	ND	ND	ND	ND	ND	11.9	138
10/14/18 04:30 PM	20363	332	2.01	ND	ND	ND	ND	ND	ND	ND	11.9	125
10/14/18 05:00 PM	20339	331	2.01	ND	ND	ND	ND	ND	ND	ND	11.2	130
10/14/18 05:30 PM	20385	330	1.99	ND	ND	ND	ND	ND	ND	ND	11.2	133
10/14/18 06:00 PM	20372	331	1.99	ND	ND	ND	ND	ND	ND	ND	9.1	122
10/14/18 06:30 PM	20444	333	1.99	ND	ND	ND	ND	ND	ND	ND	8.3	122
10/14/18 07:00 PM	20532	334	2.00	ND	ND	ND	ND	ND	ND	ND	7.5	122
10/14/18 07:30 PM	21043	336	2.02	ND	ND	ND	ND	ND	ND	ND	6.1	118
10/14/18 08:00 PM	21098	337	2.03	ND	ND	ND	ND	ND	ND	ND	7.1	120
10/14/18 08:30 PM	21226	338	2.03	ND	ND	ND	ND	ND	ND	ND	7.9	120
10/14/18 09:00 PM	21144	337	2.02	ND	ND	ND	ND	ND	ND	ND	8.1	123
10/14/18 09:30 PM	21190	337	2.02	ND	ND	ND	ND	ND	ND	ND	7.8	124
10/14/18 10:00 PM	21108	337	2.02	ND	ND	ND	ND	ND	ND	ND	6.8	123
10/14/18 10:30 PM	21043	337	2.01	ND	ND	ND	ND	ND	ND	ND	5.5	121
10/14/18 11:00 PM	21174	338	2.02	ND	ND	ND	ND	ND	ND	ND	4.6	115
10/14/18 11:30 PM	21258	337	2.03	ND	ND	ND	ND	ND	ND	ND	6.6	124
10/15/18 12:00 AM	21382	337	2.02	ND	ND	ND	ND	ND	ND	ND	8.6	129

## Daily Processed Summary (Average, Maximum)

Average	21074	337	2.03	BDL	BDL	0.00007	0.00005	BDL	BDL	BDL	10.8	152
Maximum Value	22677	349	2.08	BDL	BDL	0.00352	0.00135	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected



# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10/15/18 12:30 AM	21541	337	2.03	ND	ND	ND	ND	ND	ND	ND	6.3	122
10/15/18 01:00 AM	21184	336	2.01	ND	ND	ND	ND	ND	ND	ND	5.4	123
10/15/18 01:30 AM	20990	337	2.01	ND	ND	ND	ND	ND	ND	ND	6.2	148
10/15/18 02:00 AM	21020	338	2.01	ND	ND	ND	ND	ND	ND	ND	5.2	125
10/15/18 02:30 AM	22095	341	2.04	ND	ND	ND	ND	ND	ND	ND	1.4	52
10/15/18 03:00 AM	22419	336	2.03	ND	ND	ND	ND	ND	ND	ND	0.6	48
10/15/18 03:30 AM	21801	349	2.21	ND	ND	ND	ND	ND	ND	ND	1.1	56
10/15/18 04:00 AM	21518	354	2.20	ND	ND	ND	ND	ND	ND	ND	0.9	46
10/15/18 04:30 AM	21448	355	2.27	ND	ND	ND	ND	ND	ND	ND	1.3	52
10/15/18 05:00 AM	21134	356	2.29	ND	ND	ND	0.00116	ND	ND	ND	1.0	66
10/15/18 05:30 AM	20918	350	2.22	ND	ND	ND	ND	ND	ND	ND	1.7	48
10/15/18 06:00 AM	21030	345	2.21	ND	ND	ND	ND	ND	ND	ND	2.9	48
10/15/18 06:30 AM	21119	346	2.20	ND	ND	ND	ND	ND	ND	ND	6.1	62
10/15/18 07:00 AM	20954	346	2.19	ND	ND	ND	ND	ND	ND	ND	6.1	86
10/15/18 07:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.9	117
10/15/18 08:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	20.5	342
10/15/18 08:30 AM	21169	311	2.19	ND	ND	ND	ND	ND	ND	ND	23.1	343
10/15/18 09:00 AM	14078	348	2.10	ND	ND	ND	ND	ND	ND	ND	18.9	341
10/15/18 09:30 AM	12550	352	2.08	ND	ND	ND	ND	ND	ND	ND	18.7	351
10/15/18 10:00 AM	11802	349	2.04	ND	ND	ND	ND	ND	ND	ND	17.4	355
10/15/18 10:30 AM	11007	353	2.03	ND	ND	ND	ND	ND	ND	ND	20.1	355
10/15/18 11:00 AM	11143	355	2.03	ND	ND	ND	ND	ND	ND	ND	19.0	352
10/15/18 11:30 AM	10892	356	2.01	ND	ND	ND	ND	ND	ND	ND	19.9	355
10/15/18 12:00 PM	10708	356	2.02	ND	ND	ND	ND	ND	ND	ND	18.6	352
10/15/18 12:30 PM	10631	356	2.01	ND	ND	ND	ND	ND	ND	ND	19.2	296
10/15/18 01:00 PM	10468	355	1.99	ND	ND	ND	ND	ND	ND	ND	18.9	354
10/15/18 01:30 PM	10761	356	2.00	ND	ND	ND	ND	ND	ND	ND	19.5	354
10/15/18 02:00 PM	10368	357	2.00	ND	ND	ND	ND	ND	ND	ND	18.9	295
10/15/18 02:30 PM	10144	360	2.01	ND	ND	ND	ND	ND	ND	ND	20.5	351
10/15/18 03:00 PM	10253	360	2.01	ND	ND	ND	ND	ND	ND	ND	19.5	352
10/15/18 03:30 PM	10151	360	2.01	ND	ND	ND	ND	ND	ND	ND	19.0	354
10/15/18 04:00 PM	10175	361	2.02	ND	ND	ND	ND	ND	ND	ND	21.0	356
10/15/18 04:30 PM	9928	360	2.01	ND	ND	ND	ND	ND	ND	ND	21.1	64
10/15/18 05:00 PM	9794	361	2.01	ND	ND	ND	ND	ND	ND	ND	19.0	124
10/15/18 05:30 PM	9488	361	2.01	ND	ND	ND	ND	ND	ND	ND	18.3	240
10/15/18 06:00 PM	9507	362	2.01	ND	ND	ND	ND	ND	ND	ND	19.8	66
10/15/18 06:30 PM	9576	362	2.01	ND	ND	ND	ND	ND	ND	ND	19.6	7
10/15/18 07:00 PM	9559	362	2.01	ND	ND	ND	ND	ND	ND	ND	17.3	7
10/15/18 07:30 PM	9510	362	2.01	ND	ND	ND	ND	ND	ND	ND	19.2	7
10/15/18 08:00 PM	9589	363	2.01	ND	ND	ND	ND	ND	ND	ND	14.2	238
10/15/18 08:30 PM	9458	363	2.01	ND	ND	ND	ND	ND	ND	ND	15.6	182
10/15/18 09:00 PM	9556	364	2.02	ND	ND	ND	ND	ND	ND	ND	15.4	68
10/15/18 09:30 PM	9730	364	2.03	ND	ND	ND	ND	ND	ND	ND	16.1	179
10/15/18 10:00 PM	9863	364	2.03	ND	ND	ND	ND	ND	ND	ND	13.5	294
10/15/18 10:30 PM	9703	364	2.03	ND	ND	ND	ND	ND	ND	ND	11.3	356
10/15/18 11:00 PM	10071	361	2.04	ND	ND	ND	ND	ND	ND	ND	10.4	61
10/15/18 11:30 PM	10123	357	2.03	ND	ND	ND	ND	ND	ND	ND	10.8	179
10/16/18 12:00 AM	10331	359	2.06	ND	ND	ND	ND	ND	ND	ND	7.5	297

## Daily Processed Summary (Average, Maximum)

Average	13930	353	2.06	BDL	BDL	BDL	0.00002	BDL	BDL	BDL	7.0	360
Maximum Value	22419	364	2.29	BDL	BDL	BDL	0.00116	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10/16/18 12:30 AM	10294	361	2.06	ND	ND	ND	ND	ND	ND	ND	9.3	357
10/16/18 01:00 AM	10319	359	2.05	ND	ND	ND	ND	ND	ND	ND	8.7	343
10/16/18 01:30 AM	10351	359	2.06	ND	ND	ND	ND	ND	ND	ND	9.8	328
10/16/18 02:00 AM	10506	360	2.06	ND	ND	ND	ND	ND	ND	ND	11.3	318
10/16/18 02:30 AM	10401	359	2.05	ND	ND	ND	ND	ND	ND	ND	12.0	315
10/16/18 03:00 AM	10236	358	2.14	ND	ND	ND	ND	ND	ND	ND	11.6	322
10/16/18 03:30 AM	10121	355	2.07	ND	ND	ND	ND	ND	ND	ND	12.7	323
10/16/18 04:00 AM	9966	358	2.08	ND	ND	ND	ND	ND	ND	ND	13.9	326
10/16/18 04:30 AM	9834	355	2.13	ND	ND	ND	ND	ND	ND	ND	13.3	330
10/16/18 05:00 AM	9709	359	2.06	ND	ND	ND	ND	ND	ND	ND	13.1	325
10/16/18 05:30 AM	9681	361	2.04	ND	ND	ND	ND	ND	ND	ND	13.9	339
10/16/18 06:00 AM	9731	361	2.05	ND	ND	ND	ND	ND	ND	ND	13.0	340
10/16/18 06:30 AM	9621	362	2.03	ND	ND	ND	ND	ND	ND	ND	13.5	342
10/16/18 07:00 AM	9654	360	2.03	ND	ND	ND	0.00073	ND	ND	ND	13.0	338
10/16/18 07:30 AM	9654	360	2.03	ND	ND	ND	ND	ND	ND	ND	13.1	343
10/16/18 08:00 AM	9659	359	2.03	ND	ND	ND	ND	ND	ND	ND	12.9	345
10/16/18 08:30 AM	9733	359	2.03	ND	ND	ND	ND	ND	ND	ND	11.9	340
10/16/18 09:00 AM	9750	359	2.03	ND	ND	ND	ND	ND	ND	ND	11.4	345
10/16/18 09:30 AM	9945	360	2.03	ND	ND	ND	ND	ND	ND	ND	10.6	349
10/16/18 10:00 AM	10092	358	2.03	ND	ND	ND	ND	ND	ND	ND	12.4	347
10/16/18 10:30 AM	10324	357	2.03	ND	ND	ND	ND	ND	ND	ND	10.4	344
10/16/18 11:00 AM	10478	356	2.03	ND	ND	ND	ND	ND	ND	ND	11.5	341
10/16/18 11:30 AM	10648	354	2.03	ND	ND	ND	ND	ND	ND	ND	13.2	349
10/16/18 12:00 PM	10787	355	2.03	ND	ND	ND	ND	ND	ND	ND	11.7	341
10/16/18 12:30 PM	11001	357	2.04	ND	ND	ND	ND	ND	ND	ND	11.9	343
10/16/18 01:00 PM	11108	359	2.04	ND	ND	ND	ND	ND	ND	ND	12.5	334
10/16/18 01:30 PM	11188	359	2.04	ND	ND	ND	ND	ND	ND	ND	11.7	340
10/16/18 02:00 PM	11146	359	2.04	0.00422	ND	ND	ND	ND	ND	ND	12.5	340
10/16/18 02:30 PM	11123	359	2.04	ND	ND	ND	ND	ND	ND	ND	13.5	351
10/16/18 03:00 PM	11028	358	2.04	ND	ND	ND	ND	ND	ND	ND	12.5	347
10/16/18 03:30 PM	11112	358	2.04	ND	ND	ND	ND	ND	ND	ND	12.7	344
10/16/18 04:00 PM	11143	357	2.04	ND	ND	ND	ND	ND	ND	ND	12.8	344
10/16/18 04:30 PM	11236	358	2.04	ND	ND	ND	ND	ND	ND	ND	12.2	348
10/16/18 05:00 PM	11116	358	2.04	ND	ND	ND	ND	ND	ND	ND	9.2	342
10/16/18 05:30 PM	11134	358	2.04	ND	ND	ND	ND	ND	ND	ND	9.2	347
10/16/18 06:00 PM	11056	358	2.04	ND	ND	ND	ND	ND	ND	ND	9.8	348
10/16/18 06:30 PM	11104	358	2.03	ND	ND	ND	ND	ND	ND	ND	9.4	344
10/16/18 07:00 PM	11002	358	2.03	ND	ND	ND	ND	ND	ND	ND	9.8	344
10/16/18 07:30 PM	10979	359	2.04	ND	ND	ND	ND	ND	ND	ND	10.3	344
10/16/18 08:00 PM	10795	359	2.03	ND	ND	ND	ND	ND	ND	ND	9.0	341
10/16/18 08:30 PM	10779	360	2.02	ND	ND	ND	ND	ND	ND	ND	9.2	341
10/16/18 09:00 PM	10773	360	2.03	ND	ND	ND	ND	ND	ND	ND	9.5	341
10/16/18 09:30 PM	10820	357	2.02	ND	ND	ND	ND	ND	ND	ND	11.2	343
10/16/18 10:00 PM	10832	356	2.02	ND	ND	ND	ND	ND	ND	ND	10.5	340
10/16/18 10:30 PM	10798	356	2.02	ND	ND	ND	ND	ND	ND	ND	12.0	338
10/16/18 11:00 PM	10731	357	2.02	ND	ND	ND	ND	ND	ND	ND	11.3	337
10/16/18 11:30 PM	10798	357	2.03	ND	ND	ND	ND	ND	ND	ND	11.5	340
10/17/18 12:00 AM	10794	358	2.04	ND	ND	ND	ND	ND	ND	ND	11.4	340

## Daily Processed Summary (Average, Maximum)

Average	10523	358	2.04	0.00009	BDL	BDL	0.00002	BDL	BDL	BDL	11.4	340
Maximum Value	11236	362	2.14	0.00422	BDL	BDL	0.00073	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	W5PD (mph)	WDIR (deg)
10/17/18 12:30 AM	10734	359	2.05	ND	ND	ND	ND	ND	ND	ND	12.4	339
10/17/18 01:00 AM	10602	359	2.05	ND	ND	ND	ND	ND	ND	ND	12.0	340
10/17/18 01:30 AM	10557	357	2.04	ND	ND	ND	ND	ND	ND	ND	11.6	340
10/17/18 02:00 AM	10646	357	2.04	ND	ND	ND	ND	ND	ND	ND	11.6	341
10/17/18 02:30 AM	10571	357	2.04	ND	ND	ND	ND	ND	ND	ND	12.2	341
10/17/18 03:00 AM	10624	354	2.04	ND	ND	ND	ND	ND	ND	ND	11.6	341
10/17/18 03:30 AM	10633	359	2.04	ND	ND	ND	ND	ND	ND	ND	11.7	346
10/17/18 04:00 AM	10712	359	2.04	ND	ND	ND	ND	ND	ND	ND	12.1	349
10/17/18 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.0	351
10/17/18 05:00 AM	10788	361	2.05	ND	ND	ND	ND	ND	ND	ND	10.3	349
10/17/18 05:30 AM	10857	359	2.05	ND	ND	ND	ND	ND	ND	ND	11.0	62
10/17/18 06:00 AM	10922	359	2.04	ND	ND	ND	ND	ND	ND	ND	10.1	353
10/17/18 06:30 AM	10972	359	2.04	ND	ND	ND	ND	ND	ND	ND	10.1	352
10/17/18 07:00 AM	10997	358	2.03	ND	ND	ND	ND	ND	ND	ND	8.0	350
10/17/18 07:30 AM	11068	357	2.03	ND	ND	ND	ND	ND	ND	ND	8.8	355
10/17/18 08:00 AM	11177	356	2.03	ND	ND	ND	ND	ND	ND	ND	8.0	357
10/17/18 08:30 AM	11175	351	2.04	ND	ND	ND	ND	ND	ND	ND	8.3	352
10/17/18 09:00 AM	11401	355	2.06	ND	ND	ND	ND	ND	ND	ND	8.9	350
10/17/18 09:30 AM	11339	348	2.03	ND	ND	ND	ND	ND	ND	ND	9.5	350
10/17/18 10:00 AM	11343	349	2.04	ND	ND	ND	ND	ND	ND	ND	11.1	345
10/17/18 10:30 AM	11454	355	2.04	ND	ND	ND	ND	ND	ND	ND	9.3	346
10/17/18 11:00 AM	11626	356	2.04	ND	ND	ND	ND	ND	ND	ND	10.8	342
10/17/18 11:30 AM	11680	356	2.04	ND	ND	ND	ND	ND	ND	ND	11.2	342
10/17/18 12:00 PM	11849	355	2.03	ND	ND	ND	ND	ND	ND	ND	10.6	347
10/17/18 12:30 PM	11996	354	2.04	ND	ND	ND	ND	ND	ND	ND	11.1	297
10/17/18 01:00 PM	12020	354	2.04	ND	ND	ND	ND	ND	ND	ND	10.4	353
10/17/18 01:30 PM	12068	353	2.04	ND	ND	ND	ND	ND	ND	ND	8.8	293
10/17/18 02:00 PM	12255	351	2.04	ND	ND	ND	ND	ND	ND	ND	9.7	64
10/17/18 02:30 PM	12464	350	2.05	ND	ND	ND	ND	ND	ND	ND	11.5	237
10/17/18 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.3	352
10/17/18 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.6	346
10/17/18 04:00 PM	12207	345	2.00	ND	ND	ND	ND	ND	ND	ND	10.1	341
10/17/18 04:30 PM	12322	344	2.00	ND	ND	ND	ND	ND	ND	ND	9.4	349
10/17/18 05:00 PM	12477	344	1.99	ND	ND	ND	ND	ND	ND	ND	9.7	353
10/17/18 05:30 PM	12543	345	2.00	ND	ND	ND	ND	ND	ND	ND	8.8	353
10/17/18 06:00 PM	12572	345	2.00	ND	ND	ND	ND	ND	ND	ND	7.0	122
10/17/18 06:30 PM	12560	346	2.00	ND	ND	ND	ND	ND	ND	ND	12.4	7
10/17/18 07:00 PM	12591	346	2.01	ND	ND	ND	ND	ND	ND	ND	12.3	65
10/17/18 07:30 PM	12709	346	2.01	ND	ND	ND	ND	ND	ND	ND	12.0	8
10/17/18 08:00 PM	12529	346	2.00	ND	ND	ND	ND	ND	ND	ND	11.9	10
10/17/18 08:30 PM	12501	347	1.99	ND	ND	ND	ND	ND	ND	ND	12.1	12
10/17/18 09:00 PM	12406	346	1.99	ND	ND	ND	ND	ND	ND	ND	11.6	65
10/17/18 09:30 PM	12372	346	2.02	ND	ND	ND	ND	ND	ND	ND	10.5	5
10/17/18 10:00 PM	12345	344	1.98	ND	ND	ND	ND	ND	ND	ND	10.9	5
10/17/18 10:30 PM	12420	343	1.99	ND	ND	ND	ND	ND	ND	ND	11.4	8
10/17/18 11:00 PM	12263	344	1.98	ND	ND	ND	ND	ND	ND	ND	10.9	6
10/17/18 11:30 PM	12112	345	1.98	ND	ND	ND	ND	ND	ND	ND	9.5	7
10/18/18 12:00 AM	12004	345	1.98	ND	ND	ND	ND	ND	ND	ND	9.5	7

## Daily Processed Summary (Average, Maximum)

Average	11677	352	2.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	9.0	355
Maximum Value	12709	361	2.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10/18/18 12:30 AM	11976	345	1.99	ND	ND	ND	ND	ND	ND	ND	9.6	13
10/18/18 01:00 AM	11969	345	1.99	ND	ND	ND	ND	ND	ND	ND	8.7	8
10/18/18 01:30 AM	11953	344	2.05	ND	ND	ND	ND	ND	ND	ND	10.0	6
10/18/18 02:00 AM	11826	343	1.97	ND	ND	ND	ND	ND	ND	ND	10.9	4
10/18/18 02:30 AM	11859	344	1.98	ND	ND	ND	ND	ND	ND	ND	11.9	8
10/18/18 03:00 AM	11725	343	1.97	ND	ND	ND	ND	ND	ND	ND	12.2	9
10/18/18 03:30 AM	11391	342	1.96	ND	ND	ND	ND	ND	ND	ND	9.9	10
10/18/18 04:00 AM	11217	343	1.97	ND	ND	ND	ND	ND	ND	ND	8.8	14
10/18/18 04:30 AM	11177	342	1.97	ND	ND	ND	ND	ND	ND	ND	10.8	8
10/18/18 05:00 AM	11130	343	2.01	ND	ND	ND	ND	ND	ND	ND	12.0	9
10/18/18 05:30 AM	11077	343	1.97	ND	ND	ND	ND	ND	ND	ND	10.6	9
10/18/18 06:00 AM	11068	343	1.98	ND	ND	ND	ND	ND	ND	ND	10.0	3
10/18/18 06:30 AM	11088	344	1.98	ND	ND	ND	ND	ND	ND	ND	10.6	10
10/18/18 07:00 AM	11170	343	1.98	ND	ND	ND	ND	ND	ND	ND	8.9	8
10/18/18 07:30 AM	11223	340	1.98	ND	ND	ND	ND	ND	ND	ND	10.5	5
10/18/18 08:00 AM	11363	338	1.99	ND	ND	ND	ND	ND	ND	ND	10.0	6
10/18/18 08:30 AM	11457	340	1.98	ND	ND	ND	ND	ND	ND	ND	10.1	8
10/18/18 09:00 AM	11585	341	1.98	ND	ND	ND	ND	ND	ND	ND	10.2	13
10/18/18 09:30 AM	11785	342	2.00	ND	ND	ND	ND	ND	ND	ND	13.0	14
10/18/18 10:00 AM	11966	342	2.00	ND	ND	ND	ND	ND	ND	ND	13.1	21
10/18/18 10:30 AM	12182	342	2.02	ND	ND	ND	ND	ND	ND	ND	11.7	16
10/18/18 11:00 AM	12450	343	2.00	ND	ND	ND	ND	ND	ND	ND	12.0	19
10/18/18 11:30 AM	12599	343	2.08	ND	ND	ND	ND	ND	ND	ND	10.9	17
10/18/18 12:00 PM	12780	342	2.06	ND	ND	ND	ND	ND	ND	ND	11.2	13
10/18/18 12:30 PM	12961	343	2.07	ND	ND	ND	ND	ND	ND	ND	12.0	17
10/18/18 01:00 PM	13179	343	2.04	ND	ND	ND	ND	ND	ND	ND	12.6	13
10/18/18 01:30 PM	13403	344	2.05	ND	ND	ND	ND	ND	ND	ND	13.2	23
10/18/18 02:00 PM	13496	344	2.01	ND	ND	ND	ND	ND	ND	ND	11.5	27
10/18/18 02:30 PM	13734	345	2.05	ND	ND	ND	ND	ND	ND	ND	11.4	33
10/18/18 03:00 PM	13892	344	2.03	ND	ND	ND	ND	ND	ND	ND	9.5	20
10/18/18 03:30 PM	14081	345	2.06	ND	ND	ND	ND	ND	ND	ND	8.8	11
10/18/18 04:00 PM	14267	344	2.14	ND	ND	ND	ND	ND	ND	ND	9.1	18
10/18/18 04:30 PM	14282	346	2.18	ND	ND	ND	ND	ND	ND	ND	9.8	23
10/18/18 05:00 PM	14587	346	2.06	ND	ND	ND	ND	ND	ND	ND	9.3	23
10/18/18 05:30 PM	14722	348	2.08	ND	ND	ND	ND	ND	ND	ND	9.6	31
10/18/18 06:00 PM	14736	347	2.36	ND	ND	ND	ND	ND	ND	ND	10.0	19
10/18/18 06:30 PM	14690	348	2.09	ND	ND	ND	ND	ND	ND	ND	10.1	17
10/18/18 07:00 PM	14791	348	2.18	ND	ND	ND	ND	ND	ND	ND	7.8	22
10/18/18 07:30 PM	14714	347	2.39	ND	ND	ND	ND	ND	ND	ND	7.5	23
10/18/18 08:00 PM	14653	347	2.20	ND	ND	ND	ND	ND	ND	ND	7.6	14
10/18/18 08:30 PM	14638	345	2.25	ND	ND	ND	ND	ND	ND	ND	7.0	16
10/18/18 09:00 PM	14323	307	2.09	ND	ND	ND	ND	ND	ND	ND	6.6	15
10/18/18 09:30 PM	14635	317	2.27	ND	ND	ND	ND	ND	ND	ND	6.7	26
10/18/18 10:00 PM	14748	323	2.14	ND	ND	ND	ND	ND	ND	ND		
10/18/18 10:30 PM	14870	328	2.31	ND	ND	ND	ND	ND	ND	ND		
10/18/18 11:00 PM	15063	331	2.21	ND	ND	ND	ND	ND	ND	ND		
10/18/18 11:30 PM	15177	334	2.14	ND	ND	ND	ND	ND	ND	ND		
10/19/18 12:00 AM	15357	337	2.24	ND	ND	ND	ND	ND	ND	ND		

## Daily Processed Summary (Average, Maximum)

Average	13021	341	2.07	BDL	BDL	BDL	BDL	BDL	BDL	BDL	10.2	16
Maximum Value	15357	348	2.39	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10/19/18 12:30 AM	15511	339	2.04	ND	ND	ND	ND	ND	ND	ND	7.2	32
10/19/18 01:00 AM	15542	340	2.51	ND	ND	ND	ND	ND	ND	ND	8.1	40
10/19/18 01:30 AM	15511	340	2.05	ND	ND	ND	ND	ND	ND	ND	8.5	47
10/19/18 02:00 AM	15569	341	2.05	ND	ND	ND	ND	ND	ND	ND	8.7	42
10/19/18 02:30 AM	15712	341	2.05	ND	ND	ND	ND	ND	ND	ND	8.0	37
10/19/18 03:00 AM	15849	342	2.05	ND	ND	ND	ND	ND	ND	ND	7.8	32
10/19/18 03:30 AM	15721	336	2.04	ND	ND	ND	ND	ND	ND	ND	7.0	26
10/19/18 04:00 AM	15589	330	2.03	ND	ND	ND	ND	ND	ND	ND	7.3	31
10/19/18 04:30 AM	15547	331	2.03	ND	ND	ND	ND	ND	ND	ND	10.5	55
10/19/18 05:00 AM	15154	316	2.01	ND	ND	ND	ND	ND	ND	ND	9.3	44
10/19/18 05:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	9.9	50
10/19/18 06:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	9.3	53
10/19/18 06:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	8.6	62
10/19/18 07:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.9	58
10/19/18 07:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.5	39
10/19/18 08:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.9	25
10/19/18 08:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.0	35
10/19/18 09:00 AM	15959	308	2.52	ND	ND	ND	ND	ND	ND	ND	7.8	38
10/19/18 09:30 AM	16641	325	2.07	ND	ND	ND	ND	ND	ND	ND	7.0	49
10/19/18 10:00 AM	17018	331	2.09	ND	ND	ND	ND	ND	ND	ND	7.4	58
10/19/18 10:30 AM	17330	335	2.12	ND	ND	ND	ND	ND	ND	ND	7.6	63
10/19/18 11:00 AM	18153	337	2.12	ND	ND	ND	ND	ND	ND	ND	7.5	61
10/19/18 11:30 AM	18663	339	2.13	ND	ND	ND	ND	ND	ND	ND	7.6	67
10/19/18 12:00 PM	19035	339	2.13	ND	ND	ND	ND	ND	ND	ND	7.2	47
10/19/18 12:30 PM	19336	334	2.14	ND	ND	ND	ND	ND	ND	ND	8.0	75
10/19/18 01:00 PM	20154	324	2.12	ND	ND	ND	ND	ND	ND	ND	6.6	72
10/19/18 01:30 PM	20176	330	2.12	ND	ND	ND	ND	ND	ND	ND	4.5	59
10/19/18 02:00 PM	20600	337	2.11	ND	ND	ND	0.00376	ND	ND	ND	3.9	46
10/19/18 02:30 PM	20595	330	2.07	ND	ND	ND	ND	ND	ND	ND	5.2	52
10/19/18 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.0	54
10/19/18 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.3	130
10/19/18 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.1	112
10/19/18 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.0	114
10/19/18 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.6	108
10/19/18 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.8	63
10/19/18 06:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.9	74
10/19/18 06:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.6	286
10/19/18 07:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.9	67
10/19/18 07:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.9	15
10/19/18 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.1	13
10/19/18 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.2	19
10/19/18 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.3	10
10/19/18 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.7	237
10/19/18 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.3	238
10/19/18 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.3	4
10/19/18 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.7	122
10/19/18 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.0	5
10/20/18 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.5	62

## Daily Processed Summary (Average, Maximum)

Average	17244	333	2.12	BDL	BDL	BDL	0.00008	BDL	BDL	BDL	5.3	47
Maximum Value	20600	342	2.52	BDL	BDL	BDL	0.00376	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10/20/18 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.6	69
10/20/18 01:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.8	10
10/20/18 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.5	10
10/20/18 02:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.2	7
10/20/18 02:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.9	6
10/20/18 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.4	69
10/20/18 03:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.4	99
10/20/18 04:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.0	239
10/20/18 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.8	353
10/20/18 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.0	178
10/20/18 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.1	352
10/20/18 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.8	121
10/20/18 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.3	3
10/20/18 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.0	6
10/20/18 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.2	8
10/20/18 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.9	6
10/20/18 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.1	5
10/20/18 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.8	7
10/20/18 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.6	8
10/20/18 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.5	3
10/20/18 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.4	121
10/20/18 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.2	64
10/20/18 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.7	240
10/20/18 12:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.7	65
10/20/18 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.0	125
10/20/18 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.8	354
10/20/18 01:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.5	6
10/20/18 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.7	356
10/20/18 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.3	353
10/20/18 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.8	356
10/20/18 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.5	5
10/20/18 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.8	6
10/20/18 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.9	6
10/20/18 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.3	297
10/20/18 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.1	61
10/20/18 06:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.9	66
10/20/18 06:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.0	11
10/20/18 07:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.7	6
10/20/18 07:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	15.9	61
10/20/18 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.9	3
10/20/18 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.9	3
10/20/18 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	15.2	4
10/20/18 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	16.2	13
10/20/18 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	15.7	13
10/20/18 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.1	10
10/20/18 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.9	11
10/20/18 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.4	9
10/21/18 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline		

## Daily Processed Summary (Average, Maximum)

Average	#DIV/OI	#DIV/OI	#DIV/OI	BDL	BDL	BDL	BDL	BDL	BDL	BDL	8.3	17
Maximum Value	0	0	0.00	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	W5PD (mph)	WDIR (deg)
10/21/18 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.5	10
10/21/18 01:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.4	5
10/21/18 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.8	13
10/21/18 02:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.5	14
10/21/18 02:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.2	12
10/21/18 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.8	15
10/21/18 03:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.1	11
10/21/18 04:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.7	11
10/21/18 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.4	11
10/21/18 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.2	13
10/21/18 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.6	16
10/21/18 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.2	29
10/21/18 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.8	26
10/21/18 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.5	27
10/21/18 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.2	27
10/21/18 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.4	28
10/21/18 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.9	36
10/21/18 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.4	42
10/21/18 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.1	42
10/21/18 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.6	41
10/21/18 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.8	46
10/21/18 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.2	46
10/21/18 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.1	41
10/21/18 12:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.7	36
10/21/18 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.4	22
10/21/18 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.5	32
10/21/18 01:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.6	46
10/21/18 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.3	39
10/21/18 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.7	31
10/21/18 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.4	39
10/21/18 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.6	34
10/21/18 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.0	23
10/21/18 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.2	13
10/21/18 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.3	15
10/21/18 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.8	17
10/21/18 06:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.1	12
10/21/18 06:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.1	6
10/21/18 07:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.6	13
10/21/18 07:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.3	20
10/21/18 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.1	44
10/21/18 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.6	36
10/21/18 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.8	27
10/21/18 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.5	88
10/21/18 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.8	40
10/21/18 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.5	30
10/21/18 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.3	18
10/21/18 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.7	15
10/22/18 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.2	30

## Daily Processed Summary (Average, Maximum)

Average	#DIV/0!	#DIV/0!	#DIV/0!	BDL	BDL	BDL	BDL	BDL	BDL	BDL	9.3	27
Maximum Value	0	0	0.00	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10/22/18 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.1	21
10/22/18 01:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.4	28
10/22/18 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.2	31
10/22/18 02:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.9	40
10/22/18 02:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.6	33
10/22/18 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.3	30
10/22/18 03:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.2	33
10/22/18 04:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.8	25
10/22/18 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.2	25
10/22/18 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.3	22
10/22/18 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.8	27
10/22/18 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.9	32
10/22/18 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.5	23
10/22/18 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.3	24
10/22/18 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.7	35
10/22/18 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.1	25
10/22/18 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.1	25
10/22/18 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.0	23
10/22/18 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.4	15
10/22/18 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.2	11
10/22/18 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.6	14
10/22/18 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.4	11
10/22/18 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.0	16
10/22/18 12:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.1	10
10/22/18 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.3	18
10/22/18 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.1	12
10/22/18 01:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.0	20
10/22/18 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.9	13
10/22/18 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.2	9
10/22/18 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.1	68
10/22/18 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.6	354
10/22/18 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.5	353
10/22/18 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.5	120
10/22/18 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.7	180
10/22/18 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.4	10
10/22/18 06:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.7	128
10/22/18 06:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.2	6
10/22/18 07:00 PM	11426	339	1.94	ND	ND	ND	ND	ND	ND	ND	10.4	12
10/22/18 07:30 PM	11705	339	1.92	ND	ND	ND	ND	ND	ND	ND	9.4	12
10/22/18 08:00 PM	11672	338	1.93	ND	ND	ND	ND	ND	ND	ND	9.4	14
10/22/18 08:30 PM	11989	339	1.95	ND	ND	ND	ND	ND	ND	ND	6.9	27
10/22/18 09:00 PM	11500	340	1.95	ND	ND	ND	ND	ND	ND	ND	6.7	32
10/22/18 09:30 PM	11649	334	2.29	ND	ND	ND	ND	ND	ND	ND	6.6	43
10/22/18 10:00 PM	11330	311	1.91	ND	ND	ND	ND	ND	ND	ND	5.9	46
10/22/18 10:30 PM	11715	328	1.93	ND	ND	ND	ND	ND	ND	ND	6.1	48
10/22/18 11:00 PM	12081	334	1.96	ND	ND	ND	ND	ND	ND	ND	7.8	15
10/22/18 11:30 PM	12264	338	1.96	ND	ND	ND	ND	ND	ND	ND	10.1	8
10/23/18 12:00 AM	12361	339	2.03	ND	ND	ND	ND	ND	ND	ND	9.9	64

## Daily Processed Summary (Average, Maximum)

Average	11790	334	1.98	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7.8	25
Maximum Value	12361	340	2.29	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected



# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10/23/18 12:30 AM	11729	341	1.96	ND	ND	ND	ND	ND	ND	ND	9.9	4
10/23/18 01:00 AM	11585	343	1.99	ND	ND	ND	ND	ND	ND	ND	11.0	9
10/23/18 01:30 AM	11079	342	1.95	ND	ND	ND	ND	ND	ND	ND	11.9	63
10/23/18 02:00 AM	10673	343	1.93	ND	ND	ND	ND	ND	ND	ND	9.3	295
10/23/18 02:30 AM	10582	343	1.92	ND	ND	ND	ND	ND	ND	ND	9.1	176
10/23/18 03:00 AM	10074	343	1.90	ND	ND	ND	ND	ND	ND	ND	11.1	344
10/23/18 03:30 AM	10075	343	1.90	ND	ND	ND	ND	ND	ND	ND	11.4	343
10/23/18 04:00 AM	10374	342	1.88	ND	ND	ND	ND	ND	ND	ND	14.4	356
10/23/18 04:30 AM	10334	341	1.88	ND	ND	ND	ND	ND	ND	ND	13.0	179
10/23/18 05:00 AM	9453	341	1.86	ND	ND	ND	ND	ND	ND	ND	14.0	353
10/23/18 05:30 AM	9403	341	1.85	ND	ND	ND	ND	ND	ND	ND	14.3	3
10/23/18 06:00 AM	9787	340	1.87	ND	ND	ND	ND	ND	ND	ND	12.3	235
10/23/18 06:30 AM	9676	340	1.86	0.00336	ND	ND	ND	ND	ND	ND	11.7	347
10/23/18 07:00 AM	10174	337	1.86	ND	ND	ND	ND	ND	ND	ND	13.3	178
10/23/18 07:30 AM	10418	335	1.87	ND	ND	ND	ND	ND	ND	0.00228	15.3	121
10/23/18 08:00 AM	10169	333	1.86	ND	ND	ND	ND	ND	ND	ND	11.7	66
10/23/18 08:30 AM	9549	323	1.85	ND	ND	ND	ND	ND	ND	ND	9.8	10
10/23/18 09:00 AM	9125	305	1.83	ND	ND	ND	ND	ND	ND	ND	10.2	9
10/23/18 09:30 AM	9164	301	1.84	ND	ND	ND	ND	ND	ND	ND	11.9	14
10/23/18 10:00 AM	9482	308	1.86	ND	ND	ND	ND	ND	ND	ND	12.6	10
10/23/18 10:30 AM	9842	312	1.86	ND	ND	ND	ND	ND	ND	ND	13.7	13
10/23/18 11:00 AM	10174	322	1.89	ND	ND	ND	ND	ND	ND	ND	13.4	8
10/23/18 11:30 AM	10475	329	1.90	ND	ND	ND	ND	ND	ND	ND	13.8	19
10/23/18 12:00 PM	10749	335	1.92	ND	ND	ND	ND	ND	ND	0.00241	13.1	28
10/23/18 12:30 PM	10944	339	2.01	ND	ND	ND	ND	ND	ND	ND	15.4	29
10/23/18 01:00 PM	11040	341	1.99	ND	ND	ND	ND	ND	ND	ND	14.6	17
10/23/18 01:30 PM	10855	342	1.90	ND	ND	ND	ND	ND	ND	ND	13.3	8
10/23/18 02:00 PM	10893	342	1.91	ND	ND	ND	ND	ND	ND	ND	12.5	10
10/23/18 02:30 PM	11033	342	1.91	ND	ND	ND	ND	ND	ND	ND	13.7	12
10/23/18 03:00 PM	11077	342	1.90	ND	ND	ND	ND	ND	ND	ND	14.0	12
10/23/18 03:30 PM	11299	342	1.90	ND	ND	ND	ND	ND	ND	ND	13.2	12
10/23/18 04:00 PM	11358	342	1.91	ND	ND	ND	ND	ND	ND	ND	11.7	9
10/23/18 04:30 PM	11511	342	1.91	ND	ND	ND	ND	ND	ND	ND	10.5	8
10/23/18 05:00 PM	11671	342	1.92	ND	ND	ND	ND	ND	ND	ND	10.8	8
10/23/18 05:30 PM	11751	342	1.93	ND	ND	ND	ND	ND	ND	ND	9.4	6
10/23/18 06:00 PM	11742	342	1.93	ND	ND	ND	ND	ND	ND	ND	10.2	6
10/23/18 06:30 PM	11757	342	1.94	ND	ND	ND	ND	ND	ND	ND	10.1	7
10/23/18 07:00 PM	11553	343	1.93	ND	ND	ND	ND	ND	ND	ND	8.8	16
10/23/18 07:30 PM	11590	343	1.92	ND	ND	ND	ND	ND	ND	ND	9.9	18
10/23/18 08:00 PM	11827	343	2.00	ND	ND	ND	ND	ND	ND	ND	9.8	18
10/23/18 08:30 PM	11894	343	2.18	ND	ND	ND	ND	ND	ND	ND	9.8	16
10/23/18 09:00 PM	11781	344	2.26	ND	ND	ND	ND	ND	ND	ND	8.9	15
10/23/18 09:30 PM	11616	343	2.06	ND	ND	ND	ND	ND	ND	ND	8.7	12
10/23/18 10:00 PM	11492	344	2.14	ND	ND	ND	ND	ND	ND	ND	8.5	12
10/23/18 10:30 PM	11489	344	1.97	ND	ND	ND	ND	ND	ND	ND	9.5	12
10/23/18 11:00 PM	11490	344	1.98	ND	ND	ND	ND	ND	ND	ND	9.5	18
10/23/18 11:30 PM	11300	345	1.97	ND	ND	ND	ND	ND	ND	ND	10.1	20
10/24/18 12:00 AM	11210	344	2.34	ND	ND	ND	ND	ND	ND	ND	10.1	28

## Daily Processed Summary (Average, Maximum)

Average	10798	337	1.94	0.00007	BDL	BDL	BDL	BDL	BDL	BDL	8.8	13
Maximum Value	11894	345	2.34	0.00336	BDL	BDL	BDL	BDL	BDL	0.00241		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	W5PD (mph)	WDIR (deg)
10/24/18 12:30 AM	11192	344	2.35	ND	ND	ND	ND	ND	ND	ND	9.9	36
10/24/18 01:00 AM	11241	345	2.27	ND	ND	ND	ND	ND	ND	ND	9.6	25
10/24/18 01:30 AM	11283	344	2.01	ND	ND	ND	ND	ND	ND	ND	8.3	24
10/24/18 02:00 AM	11496	343	2.10	ND	ND	ND	ND	ND	ND	ND	7.7	29
10/24/18 02:30 AM	11794	344	2.32	ND	ND	ND	ND	ND	ND	ND	7.2	26
10/24/18 03:00 AM	11907	345	2.06	ND	ND	ND	ND	ND	ND	ND	6.8	34
10/24/18 03:30 AM	12073	345	2.10	ND	ND	ND	ND	ND	ND	ND	6.7	41
10/24/18 04:00 AM	12256	345	2.08	ND	ND	ND	ND	ND	ND	ND	6.2	25
10/24/18 04:30 AM	12460	341	2.08	ND	ND	ND	ND	ND	ND	ND	6.7	29
10/24/18 05:00 AM	12751	339	2.18	ND	ND	ND	ND	ND	ND	ND	7.5	23
10/24/18 05:30 AM	12980	338	2.12	ND	ND	ND	ND	ND	ND	ND	8.1	17
10/24/18 06:00 AM	13204	341	2.28	ND	ND	ND	ND	ND	ND	ND	8.6	35
10/24/18 06:30 AM	13361	343	2.39	ND	ND	ND	ND	ND	ND	ND	7.9	33
10/24/18 07:00 AM	13526	345	2.16	ND	ND	ND	ND	ND	ND	ND	7.0	34
10/24/18 07:30 AM	13656	346	2.08	ND	ND	ND	ND	ND	ND	ND	7.3	16
10/24/18 08:00 AM	13865	346	2.07	ND	ND	ND	ND	ND	ND	ND	7.4	12
10/24/18 08:30 AM	14042	346	2.32	ND	ND	ND	ND	ND	ND	ND	8.5	19
10/24/18 09:00 AM	14300	346	2.24	ND	ND	ND	ND	ND	ND	ND	8.2	35
10/24/18 09:30 AM	14519	345	2.22	ND	ND	ND	ND	ND	ND	ND	9.0	56
10/24/18 10:00 AM	14762	345	2.23	ND	ND	ND	ND	ND	ND	ND	9.0	50
10/24/18 10:30 AM	15137	344	2.10	ND	ND	ND	ND	ND	ND	ND	7.9	41
10/24/18 11:00 AM	15507	343	2.08	ND	ND	ND	ND	ND	ND	ND	7.2	36
10/24/18 11:30 AM	15836	343	2.09	ND	ND	ND	ND	ND	ND	ND	8.0	51
10/24/18 12:00 PM	16096	342	2.09	ND	ND	ND	ND	ND	ND	ND	7.9	38
10/24/18 12:30 PM	16389	342	2.09	ND	ND	ND	ND	ND	ND	ND	8.0	30
10/24/18 01:00 PM	16768	342	2.09	ND	ND	ND	ND	ND	ND	ND	7.5	35
10/24/18 01:30 PM	17408	352	2.13	ND	ND	ND	ND	ND	ND	ND	10.1	24
10/24/18 02:00 PM	17677	351	2.12	ND	ND	ND	ND	ND	ND	ND	11.4	31
10/24/18 02:30 PM	17884	350	2.17	ND	ND	ND	ND	ND	ND	ND	10.3	41
10/24/18 03:00 PM	17891	350	2.15	ND	ND	ND	ND	ND	ND	ND	8.6	32
10/24/18 03:30 PM	17926	350	2.13	ND	ND	ND	ND	ND	ND	ND	6.3	22
10/24/18 04:00 PM	18094	351	2.14	ND	ND	ND	ND	ND	ND	ND	4.4	9
10/24/18 04:30 PM	18288	349	2.29	ND	ND	ND	ND	ND	ND	0.00374	5.8	11
10/24/18 05:00 PM	18576	350	2.39	ND	ND	ND	ND	ND	ND	ND	5.8	181
10/24/18 05:30 PM	18876	351	2.22	ND	ND	ND	ND	ND	ND	ND	5.1	267
10/24/18 06:00 PM	18997	352	2.22	ND	ND	ND	ND	ND	ND	ND	4.4	322
10/24/18 06:30 PM	18713	352	2.18	ND	ND	ND	ND	ND	ND	ND	5.3	339
10/24/18 07:00 PM	18318	352	2.18	ND	ND	ND	ND	ND	ND	ND	7.2	119
10/24/18 07:30 PM	18209	352	2.16	ND	ND	ND	ND	ND	ND	ND	6.2	8
10/24/18 08:00 PM	18097	352	2.15	ND	ND	ND	ND	ND	ND	ND	5.4	18
10/24/18 08:30 PM	17874	352	2.14	ND	ND	ND	ND	ND	ND	ND	6.3	122
10/24/18 09:00 PM	17743	351	2.59	ND	ND	ND	ND	ND	ND	ND	4.5	274
10/24/18 09:30 PM	17543	348	2.17	ND	ND	ND	ND	ND	ND	ND	3.6	287
10/24/18 10:00 PM	17273	340	2.12	ND	ND	ND	ND	ND	ND	ND	3.2	271
10/24/18 10:30 PM	17032	332	2.17	ND	ND	ND	ND	ND	ND	ND	4.2	294
10/24/18 11:00 PM	17167	335	2.39	ND	ND	ND	ND	ND	ND	ND	5.0	308
10/24/18 11:30 PM	17120	333	2.17	ND	ND	ND	ND	ND	ND	ND	5.9	318
10/25/18 12:00 AM	17067	330	2.16	ND	ND	ND	ND	ND	ND	ND	6.4	325

## Daily Processed Summary (Average, Maximum)

Average	15545	345	2.18	BDL	BDL	BDL	BDL	BDL	BDL	0.00008	5.6	24
Maximum Value	18997	352	2.59	BDL	BDL	BDL	BDL	BDL	BDL	0.00374		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	W5PD (mph)	WDIR (deg)
10/25/18 12:30 AM	17041	333	2.17	ND	ND	ND	ND	ND	ND	ND	6.0	324
10/25/18 01:00 AM	17068	341	2.23	ND	ND	ND	ND	ND	ND	ND	4.9	329
10/25/18 01:30 AM	17085	347	2.17	ND	ND	ND	ND	ND	ND	ND	4.2	335
10/25/18 02:00 AM	17079	353	2.18	ND	ND	ND	ND	ND	ND	ND	4.7	325
10/25/18 02:30 AM	17061	354	2.19	ND	ND	ND	ND	ND	ND	ND	5.8	331
10/25/18 03:00 AM	17017	356	2.20	ND	ND	ND	ND	ND	ND	ND	5.3	328
10/25/18 03:30 AM	16988	357	2.20	ND	ND	ND	ND	ND	ND	ND	7.8	323
10/25/18 04:00 AM	17003	359	2.23	ND	ND	ND	ND	ND	ND	ND	6.8	324
10/25/18 04:30 AM	16710	362	2.27	ND	ND	ND	ND	ND	ND	ND	6.2	322
10/25/18 05:00 AM	16101	345	2.21	ND	ND	ND	ND	ND	ND	ND	6.2	298
10/25/18 05:30 AM	15431	319	2.14	ND	ND	ND	ND	ND	ND	ND	8.2	310
10/25/18 06:00 AM	15949	356	2.39	ND	ND	ND	ND	ND	ND	ND	7.2	316
10/25/18 06:30 AM	15739	356	2.19	ND	ND	ND	ND	ND	ND	ND	7.7	317
10/25/18 07:00 AM	15489	362	2.25	ND	ND	ND	ND	ND	ND	ND	8.3	309
10/25/18 07:30 AM	15318	363	2.36	ND	ND	ND	ND	ND	ND	ND	9.5	315
10/25/18 08:00 AM	15313	363	2.21	ND	ND	ND	ND	ND	ND	ND	8.9	322
10/25/18 08:30 AM	15164	363	2.20	ND	ND	ND	ND	ND	ND	ND	9.0	319
10/25/18 09:00 AM	15082	363	2.33	ND	ND	ND	ND	ND	ND	ND	10.1	326
10/25/18 09:30 AM	14976	363	2.31	ND	ND	ND	ND	ND	ND	ND	12.2	326
10/25/18 10:00 AM	14683	362	2.19	ND	ND	ND	ND	ND	ND	ND	11.7	332
10/25/18 10:30 AM	14292	361	2.16	ND	ND	ND	ND	ND	ND	ND	10.5	337
10/25/18 11:00 AM	13947	359	2.13	ND	ND	ND	ND	ND	ND	ND	10.2	340
10/25/18 11:30 AM	13977	359	2.13	ND	ND	ND	ND	ND	ND	ND	12.0	336
10/25/18 12:00 PM	14086	360	2.14	ND	ND	ND	ND	ND	ND	ND	12.9	327
10/25/18 12:30 PM	13738	359	2.12	ND	ND	ND	ND	ND	ND	ND	13.0	328
10/25/18 01:00 PM	13393	358	2.10	ND	ND	ND	ND	ND	ND	ND	12.0	319
10/25/18 01:30 PM	12862	358	2.10	ND	ND	ND	ND	ND	ND	ND	11.4	332
10/25/18 02:00 PM	12443	356	2.09	ND	ND	ND	ND	ND	ND	ND	11.3	327
10/25/18 02:30 PM	12335	354	2.07	ND	ND	ND	ND	ND	ND	ND	10.3	323
10/25/18 03:00 PM	12061	355	2.07	ND	ND	ND	ND	ND	ND	ND	9.4	317
10/25/18 03:30 PM	12065	353	2.08	ND	ND	ND	ND	ND	ND	ND	10.5	314
10/25/18 04:00 PM	12140	353	2.09	ND	ND	ND	ND	ND	ND	ND	10.4	312
10/25/18 04:30 PM	12261	353	2.08	ND	ND	ND	ND	ND	ND	ND	10.7	308
10/25/18 05:00 PM	12105	354	2.09	ND	ND	ND	ND	ND	ND	ND	9.9	312
10/25/18 05:30 PM	12072	353	2.09	ND	ND	ND	ND	ND	ND	ND	7.4	332
10/25/18 06:00 PM	11948	352	2.08	ND	ND	ND	ND	ND	ND	ND	5.5	337
10/25/18 06:30 PM	12054	353	2.09	ND	ND	ND	0.00093	ND	ND	ND	6.8	323
10/25/18 07:00 PM	12308	353	2.13	ND	ND	ND	0.00109	ND	ND	ND	7.0	319
10/25/18 07:30 PM	12164	354	2.13	ND	ND	ND	ND	ND	ND	ND	5.1	326
10/25/18 08:00 PM	12296	355	2.37	ND	ND	ND	ND	ND	ND	ND	3.5	320
10/25/18 08:30 PM	12189	355	2.54	ND	ND	ND	ND	ND	ND	ND	3.7	344
10/25/18 09:00 PM	12128	356	2.44	ND	ND	ND	ND	ND	ND	ND	2.7	289
10/25/18 09:30 PM	12043	357	2.40	ND	ND	ND	ND	ND	ND	ND	0.7	290
10/25/18 10:00 PM	11984	359	2.35	ND	ND	ND	ND	ND	ND	ND	1.0	73
10/25/18 10:30 PM	12029	359	2.26	ND	ND	ND	ND	ND	ND	ND	3.9	18
10/25/18 11:00 PM	12114	359	2.38	ND	ND	ND	ND	ND	ND	ND	3.2	33
10/25/18 11:30 PM	11735	362	3.83	ND	ND	ND	ND	ND	ND	ND	2.8	25
10/26/18 12:00 AM	11734	363	3.65	ND	ND	ND	ND	ND	ND	ND	1.4	120

## Daily Processed Summary (Average, Maximum)

Average	14017	355	2.27	BDL	BDL	BDL	0.00004	BDL	BDL	BDL	7.2	325
Maximum Value	17085	363	3.83	BDL	BDL	BDL	0.00109	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10/26/18 12:30 AM	11374	361	2.30	ND	ND	ND	ND	ND	ND	ND	1.0	126
10/26/18 01:00 AM	11345	364	3.06	ND	ND	ND	ND	ND	ND	ND	2.4	241
10/26/18 01:30 AM	11320	362	2.80	ND	ND	ND	ND	ND	ND	ND	1.6	252
10/26/18 02:00 AM	11568	360	2.42	0.00464	ND	ND	ND	ND	ND	ND	0.7	271
10/26/18 02:30 AM	11692	360	2.50	ND	ND	ND	ND	ND	ND	ND	2.8	285
10/26/18 03:00 AM	11816	365	2.81	ND	ND	ND	ND	ND	ND	ND	3.9	267
10/26/18 03:30 AM	11915	368	2.93	ND	ND	ND	ND	ND	ND	ND	4.4	294
10/26/18 04:00 AM	12026	365	2.37	ND	ND	ND	ND	ND	ND	ND	4.9	307
10/26/18 04:30 AM	12113	362	2.30	ND	ND	ND	ND	ND	ND	ND	3.3	301
10/26/18 05:00 AM	11605	362	2.39	ND	ND	ND	ND	ND	ND	ND	3.8	310
10/26/18 05:30 AM	11525	362	2.49	ND	ND	ND	ND	ND	ND	ND	3.2	324
10/26/18 06:00 AM	11494	363	2.65	ND	ND	ND	ND	ND	ND	ND	2.0	260
10/26/18 06:30 AM	11597	364	2.56	ND	ND	ND	ND	ND	ND	ND	4.4	284
10/26/18 07:00 AM	11623	366	2.61	ND	ND	ND	ND	ND	ND	ND	2.9	306
10/26/18 07:30 AM	11448	364	2.34	ND	ND	ND	ND	ND	ND	ND	2.4	295
10/26/18 08:00 AM	11374	364	2.35	ND	ND	ND	ND	ND	ND	ND	2.1	327
10/26/18 08:30 AM	11641	363	2.28	ND	ND	ND	ND	ND	ND	ND	3.7	302
10/26/18 09:00 AM	11944	361	2.32	ND	ND	ND	ND	ND	ND	ND	5.4	309
10/26/18 09:30 AM	12171	357	2.36	ND	ND	ND	ND	ND	ND	ND	5.8	322
10/26/18 10:00 AM	12443	354	2.38	ND	ND	ND	ND	ND	ND	ND	5.5	326
10/26/18 10:30 AM	12214	351	2.25	ND	ND	ND	ND	ND	ND	ND	4.6	317
10/26/18 11:00 AM	11788	349	2.22	ND	ND	ND	0.00100	ND	ND	ND	3.8	316
10/26/18 11:30 AM	11150	345	2.08	ND	ND	ND	ND	ND	ND	ND	3.6	307
10/26/18 12:00 PM	11225	344	2.12	ND	ND	ND	0.00280	ND	ND	ND	3.5	306
10/26/18 12:30 PM	11297	343	2.04	ND	ND	ND	ND	ND	ND	ND	2.9	309
10/26/18 01:00 PM	11218	343	2.00	ND	ND	ND	ND	ND	ND	ND	4.4	311
10/26/18 01:30 PM	11660	342	2.02	ND	ND	ND	ND	ND	ND	ND	3.3	298
10/26/18 02:00 PM	11937	340	2.05	ND	ND	ND	ND	ND	ND	ND	3.1	258
10/26/18 02:30 PM	12185	339	2.06	ND	ND	ND	ND	ND	ND	ND	3.3	281
10/26/18 03:00 PM	12538	339	2.06	ND	ND	ND	ND	ND	ND	ND	2.9	262
10/26/18 03:30 PM	12964	339	2.07	ND	ND	ND	ND	ND	ND	ND	2.3	281
10/26/18 04:00 PM	13135	340	2.09	ND	ND	ND	ND	ND	ND	ND	3.4	312
10/26/18 04:30 PM	13323	340	2.09	ND	ND	ND	ND	ND	ND	ND	4.8	336
10/26/18 05:00 PM	13631	341	2.13	ND	ND	ND	0.00128	ND	ND	ND	3.1	188
10/26/18 05:30 PM	13699	340	2.13	ND	ND	ND	ND	ND	ND	ND	2.0	12
10/26/18 06:00 PM	13862	340	2.18	ND	ND	ND	ND	ND	ND	ND	1.2	100
10/26/18 06:30 PM	14266	349	2.37	ND	ND	ND	ND	ND	ND	ND	2.3	163
10/26/18 07:00 PM	14557	350	2.36	ND	ND	ND	ND	ND	ND	ND	1.2	156
10/26/18 07:30 PM	14317	352	2.27	ND	ND	ND	ND	ND	ND	ND	1.1	195
10/26/18 08:00 PM	15016	359	2.37	ND	ND	ND	ND	ND	ND	ND	2.3	174
10/26/18 08:30 PM	14554	356	2.50	ND	ND	ND	ND	ND	ND	ND	2.6	168
10/26/18 09:00 PM	15088	360	2.47	ND	ND	ND	ND	ND	ND	ND	3.5	178
10/26/18 09:30 PM	15160	358	2.27	ND	ND	ND	ND	ND	ND	ND	2.8	203
10/26/18 10:00 PM	15030	357	2.26	ND	ND	ND	ND	ND	ND	ND	2.7	217
10/26/18 10:30 PM	15053	357	2.25	ND	ND	ND	ND	ND	ND	ND	0.9	246
10/26/18 11:00 PM	15341	358	2.30	ND	ND	ND	ND	ND	ND	ND	2.8	237
10/26/18 11:30 PM	15292	364	2.80	ND	ND	ND	ND	ND	ND	ND	1.5	268
10/27/18 12:00 AM	15313	361	2.63	ND	ND	ND	ND	ND	ND	ND	2.4	262

## Daily Processed Summary (Average, Maximum)

Average	12726	354	2.35	0.00010	BDL	BDL	0.00011	BDL	BDL	BDL	2.1	289
Maximum Value	15341	368	3.06	0.00464	BDL	BDL	0.00280	BDL	BDL	BDL	4.8	336

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10/27/18 12:30 AM	15030	340	2.36	ND	ND	ND	ND	ND	ND	ND	2.0	227
10/27/18 01:00 AM	14777	353	2.47	ND	ND	ND	ND	ND	ND	ND	3.7	225
10/27/18 01:30 AM	14750	361	2.34	ND	ND	ND	ND	ND	ND	ND	3.7	237
10/27/18 02:00 AM	14264	361	2.28	0.02686	ND	ND	ND	ND	ND	ND	4.1	244
10/27/18 02:30 AM	14181	358	2.29	0.00994	ND	ND	ND	ND	ND	ND	3.2	241
10/27/18 03:00 AM	14171	356	2.30	ND	ND	ND	ND	ND	ND	ND	4.4	254
10/27/18 03:30 AM	14225	356	2.30	ND	ND	ND	ND	ND	ND	ND	4.9	256
10/27/18 04:00 AM	14191	357	2.28	ND	ND	ND	ND	ND	ND	ND	3.6	258
10/27/18 04:30 AM	14096	359	2.29	ND	ND	ND	ND	ND	ND	ND	4.1	267
10/27/18 05:00 AM	14039	357	2.25	ND	ND	ND	ND	ND	ND	ND	3.0	295
10/27/18 05:30 AM	13579	358	2.25	ND	ND	ND	ND	ND	ND	ND	2.9	294
10/27/18 06:00 AM	13352	360	2.32	ND	ND	ND	ND	ND	ND	ND	3.7	274
10/27/18 06:30 AM	13208	363	2.45	ND	ND	ND	ND	ND	ND	ND	3.1	286
10/27/18 07:00 AM	13192	361	2.45	ND	ND	ND	ND	ND	ND	ND	2.0	282
10/27/18 07:30 AM	13123	350	2.45	ND	ND	ND	ND	ND	ND	ND	1.9	259
10/27/18 08:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	1.3	226
10/27/18 08:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.6	263
10/27/18 09:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.4	235
10/27/18 09:30 AM	13994	350	2.37	ND	ND	ND	ND	ND	ND	ND	3.9	233
10/27/18 10:00 AM	14635	356	2.39	ND	ND	ND	ND	ND	ND	ND	4.8	236
10/27/18 10:30 AM	15151	354	2.38	ND	ND	ND	ND	ND	ND	ND	5.8	239
10/27/18 11:00 AM	15265	353	2.43	ND	ND	ND	ND	ND	ND	ND	5.8	274
10/27/18 11:30 AM	15343	349	2.40	ND	ND	ND	ND	ND	ND	ND	5.6	276
10/27/18 12:00 PM	15569	346	2.27	ND	ND	ND	ND	ND	ND	ND	5.9	281
10/27/18 12:30 PM	15295	343	2.23	ND	ND	ND	ND	ND	ND	ND	4.8	253
10/27/18 01:00 PM	14409	342	2.15	ND	ND	ND	ND	ND	ND	ND	4.2	267
10/27/18 01:30 PM	13477	343	2.10	ND	ND	ND	ND	ND	ND	ND	5.0	241
10/27/18 02:00 PM	12721	344	2.07	ND	ND	ND	ND	ND	ND	ND	5.8	236
10/27/18 02:30 PM	12515	344	2.04	ND	ND	ND	ND	ND	ND	ND	5.6	231
10/27/18 03:00 PM	11837	345	2.03	0.00717	ND	ND	ND	ND	ND	ND	5.1	226
10/27/18 03:30 PM	11716	347	2.02	ND	ND	ND	ND	ND	ND	ND	5.3	194
10/27/18 04:00 PM	11656	347	2.00	ND	ND	ND	ND	ND	ND	ND	7.1	181
10/27/18 04:30 PM	12231	347	2.01	ND	ND	ND	ND	ND	ND	ND	8.3	168
10/27/18 05:00 PM	12653	347	2.02	ND	ND	ND	ND	ND	ND	ND	8.4	172
10/27/18 05:30 PM	14103	350	2.10	ND	ND	ND	ND	ND	ND	ND	6.6	184
10/27/18 06:00 PM	15023	349	2.12	ND	ND	ND	ND	ND	ND	ND	5.9	182
10/27/18 06:30 PM	13794	344	2.05	ND	ND	ND	ND	ND	ND	ND	5.6	180
10/27/18 07:00 PM	13592	344	2.03	ND	ND	ND	ND	ND	ND	ND	5.6	183
10/27/18 07:30 PM	14063	343	2.06	ND	ND	ND	ND	ND	ND	ND	6.4	188
10/27/18 08:00 PM	14707	343	2.09	ND	ND	ND	ND	ND	ND	ND	7.0	187
10/27/18 08:30 PM	15314	344	2.12	ND	ND	ND	ND	ND	ND	ND	6.7	188
10/27/18 09:00 PM	15447	344	2.13	ND	ND	ND	ND	ND	ND	ND	6.7	188
10/27/18 09:30 PM	15589	345	2.14	ND	ND	ND	ND	ND	ND	ND	6.2	190
10/27/18 10:00 PM	15545	345	2.15	ND	ND	ND	ND	ND	ND	ND	5.9	190
10/27/18 10:30 PM	15810	345	2.18	ND	ND	ND	ND	ND	ND	ND	5.5	190
10/27/18 11:00 PM	15901	345	2.17	ND	ND	ND	ND	ND	ND	ND	5.2	192
10/27/18 11:30 PM	16076	345	2.16	ND	ND	ND	ND	ND	ND	ND	5.6	195
10/28/18 12:00 AM	16065	345	2.15	ND	ND	ND	ND	ND	ND	ND	5.6	195

## Daily Processed Summary (Average, Maximum)

Average	14215	350	2.21	0.00092	BDL	BDL	BDL	BDL	BDL	BDL	3.9	219
Maximum Value	16076	363	2.47	0.02686	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10/28/18 12:30 AM	16090	344	2.15	ND	ND	ND	ND	ND	ND	ND	5.2	195
10/28/18 01:00 AM	16180	344	2.12	ND	ND	ND	ND	ND	ND	ND	4.1	192
10/28/18 01:30 AM	16284	343	2.11	ND	ND	ND	ND	ND	ND	ND	3.8	203
10/28/18 02:00 AM	16317	343	2.12	ND	ND	ND	ND	ND	ND	ND	4.4	201
10/28/18 02:30 AM	16232	341	2.10	ND	ND	ND	ND	ND	ND	ND	4.7	191
10/28/18 03:00 AM	16050	342	2.11	ND	ND	ND	ND	ND	ND	ND	4.5	189
10/28/18 03:30 AM	16089	341	2.11	ND	ND	ND	ND	ND	ND	ND	4.9	192
10/28/18 04:00 AM	16306	339	2.11	ND	ND	ND	ND	ND	ND	ND	4.4	198
10/28/18 04:30 AM	16322	338	2.12	ND	ND	ND	ND	ND	ND	ND	3.5	215
10/28/18 05:00 AM	16310	338	2.12	ND	ND	ND	ND	ND	ND	ND	3.1	208
10/28/18 05:30 AM	15860	311	2.05	ND	ND	ND	ND	ND	ND	ND	4.3	210
10/28/18 06:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.1	224
10/28/18 06:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.9	233
10/28/18 07:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.7	239
10/28/18 07:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.5	256
10/28/18 08:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.4	285
10/28/18 08:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.3	284
10/28/18 09:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.8	299
10/28/18 09:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.8	308
10/28/18 10:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.8	289
10/28/18 10:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.3	251
10/28/18 11:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.0	243
10/28/18 11:30 AM	17067	337	2.21	ND	ND	ND	ND	ND	ND	ND	6.3	229
10/28/18 12:00 PM	17275	333	2.15	ND	ND	ND	ND	ND	ND	ND	6.8	212
10/28/18 12:30 PM	17316	333	2.14	ND	ND	ND	ND	ND	ND	ND	7.8	204
10/28/18 01:00 PM	17116	333	2.09	ND	ND	ND	ND	ND	ND	ND	9.8	202
10/28/18 01:30 PM	16074	335	2.03	ND	ND	ND	ND	ND	ND	ND	9.7	198
10/28/18 02:00 PM	16123	334	2.01	ND	ND	ND	ND	ND	ND	ND	10.0	195
10/28/18 02:30 PM	16190	334	2.00	ND	ND	ND	ND	ND	ND	ND	10.2	192
10/28/18 03:00 PM	16020	335	2.00	ND	ND	ND	ND	ND	ND	ND	9.0	190
10/28/18 03:30 PM	15748	335	1.99	ND	ND	ND	ND	ND	ND	ND	8.7	193
10/28/18 04:00 PM	15541	337	1.99	ND	ND	ND	ND	ND	ND	ND	7.9	192
10/28/18 04:30 PM	15352	338	1.98	ND	ND	ND	ND	ND	ND	ND	7.5	189
10/28/18 05:00 PM	15189	338	1.97	ND	ND	ND	ND	ND	ND	ND	7.1	188
10/28/18 05:30 PM	15868	345	2.00	ND	ND	ND	ND	ND	ND	ND	5.9	186
10/28/18 06:00 PM	16032	343	2.00	ND	ND	ND	ND	ND	ND	ND	6.0	182
10/28/18 06:30 PM	16153	344	2.00	ND	ND	ND	ND	ND	ND	ND	5.7	181
10/28/18 07:00 PM	16526	344	2.01	ND	ND	ND	ND	ND	ND	ND	6.0	177
10/28/18 07:30 PM	16381	346	2.02	ND	ND	ND	ND	ND	ND	ND	5.7	179
10/28/18 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.0	178
10/28/18 08:30 PM	16496	346	2.02	ND	ND	ND	ND	ND	ND	ND	6.2	179
10/28/18 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.3	176
10/28/18 09:30 PM	17097	345	2.02	ND	ND	ND	ND	ND	ND	ND	3.7	136
10/28/18 10:00 PM	17082	347	2.05	ND	ND	ND	ND	ND	ND	ND	4.0	121
10/28/18 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.3	128
10/28/18 11:00 PM	17258	349	2.06	ND	ND	ND	ND	ND	ND	ND	5.4	120
10/28/18 11:30 PM	17310	348	2.11	ND	ND	ND	ND	ND	ND	ND	5.3	124
10/29/18 12:00 AM	17469	348	2.10	ND	ND	ND	ND	ND	ND	ND	4.6	130

## Daily Processed Summary (Average, Maximum)

Average	16374	340	2.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.5	196
Maximum Value	17469	349	2.21	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10/29/18 12:30 AM	17477	348	2.08	ND	ND	ND	ND	ND	ND	ND	7.7	166
10/29/18 01:00 AM	17485	348	2.07	ND	ND	ND	ND	ND	ND	ND	8.2	175
10/29/18 01:30 AM	17959	350	2.09	ND	ND	ND	ND	ND	ND	ND	7.4	176
10/29/18 02:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.2	178
10/29/18 02:30 AM	17808	345	2.03	ND	ND	ND	ND	ND	ND	ND	5.2	188
10/29/18 03:00 AM	17630	346	2.03	ND	ND	ND	ND	ND	ND	ND	4.8	195
10/29/18 03:30 AM	17461	347	2.04	ND	ND	ND	ND	ND	ND	ND	4.5	195
10/29/18 04:00 AM	17649	345	2.05	ND	ND	ND	ND	ND	ND	ND	4.4	191
10/29/18 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.4	191
10/29/18 05:00 AM	17521	346	2.07	ND	ND	ND	ND	ND	ND	ND	4.0	194
10/29/18 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.9	198
10/29/18 06:00 AM	17438	345	2.05	ND	ND	ND	ND	ND	ND	ND	3.8	194
10/29/18 06:30 AM	17369	347	2.07	ND	ND	ND	ND	ND	ND	ND	4.4	189
10/29/18 07:00 AM	17356	347	2.08	ND	ND	ND	ND	ND	ND	ND	4.8	188
10/29/18 07:30 AM	17332	347	2.06	ND	ND	ND	ND	ND	ND	ND	4.7	186
10/29/18 08:00 AM	17254	346	2.04	ND	ND	ND	ND	ND	ND	ND	5.2	187
10/29/18 08:30 AM	17298	345	2.05	ND	ND	ND	ND	ND	ND	ND	5.8	189
10/29/18 09:00 AM	17715	345	2.05	ND	ND	ND	ND	ND	ND	ND	6.9	190
10/29/18 09:30 AM	17684	343	2.02	ND	ND	ND	ND	ND	ND	ND	8.1	195
10/29/18 10:00 AM	17166	343	2.01	ND	ND	ND	ND	ND	ND	ND	9.2	194
10/29/18 10:30 AM	17089	341	2.02	ND	ND	ND	ND	ND	ND	ND	9.1	197
10/29/18 11:00 AM	18834	341	2.00	ND	ND	ND	ND	ND	ND	ND	10.8	197
10/29/18 11:30 AM	16628	339	1.97	ND	ND	ND	ND	ND	ND	ND	10.5	188
10/29/18 12:00 PM	15552	339	1.93	ND	ND	ND	ND	ND	ND	ND	9.4	192
10/29/18 12:30 PM	14967	340	1.93	ND	ND	ND	ND	ND	ND	ND	9.8	188
10/29/18 01:00 PM	14613	341	1.92	ND	ND	ND	ND	ND	ND	ND	10.7	186
10/29/18 01:30 PM	14849	340	1.93	ND	ND	ND	ND	ND	ND	ND	10.8	181
10/29/18 02:00 PM	14733	340	1.93	ND	ND	ND	ND	ND	ND	ND	10.6	190
10/29/18 02:30 PM	14837	340	1.93	ND	ND	ND	ND	ND	ND	ND	10.9	184
10/29/18 03:00 PM	14984	339	1.94	ND	ND	ND	ND	ND	ND	ND	11.4	179
10/29/18 03:30 PM	15309	340	1.95	ND	ND	ND	ND	ND	ND	ND	10.8	186
10/29/18 04:00 PM	15449	340	1.96	ND	ND	ND	ND	ND	ND	ND	10.4	188
10/29/18 04:30 PM	15330	342	1.95	ND	ND	ND	ND	ND	ND	ND	10.0	176
10/29/18 05:00 PM	15604	342	1.96	ND	ND	ND	ND	ND	ND	ND	9.5	177
10/29/18 05:30 PM	15659	340	1.96	ND	ND	ND	ND	ND	ND	ND	8.7	176
10/29/18 06:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.7	178
10/29/18 06:30 PM	16163	341	1.98	ND	ND	ND	ND	ND	ND	ND	7.8	171
10/29/18 07:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.7	172
10/29/18 07:30 PM	17059	344	1.99	ND	ND	ND	ND	ND	ND	ND	10.7	169
10/29/18 08:00 PM	17236	345	1.99	ND	ND	ND	ND	ND	ND	ND	11.2	164
10/29/18 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.3	165
10/29/18 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.1	167
10/29/18 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.7	169
10/29/18 10:00 PM	17491	347	2.01	ND	ND	ND	ND	ND	ND	ND	10.7	170
10/29/18 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.1	172
10/29/18 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.7	174
10/29/18 11:30 PM	17197	343	1.99	ND	ND	ND	ND	ND	ND	ND	9.1	175
10/30/18 12:00 AM	17284	342	1.99	ND	ND	ND	ND	ND	ND	ND	7.8	173

## Daily Processed Summary (Average, Maximum)

Average	16644	343	2.00	BDL	BDL	BDL	BDL	BDL	BDL	BDL	8.1	181
Maximum Value	17959	350	2.09	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10/30/18 12:30 AM	17251	342	1.99	ND	ND	ND	ND	ND	ND	ND	8.7	171
10/30/18 01:00 AM	17404	342	2.01	ND	ND	ND	ND	ND	ND	ND	9.9	172
10/30/18 01:30 AM	17151	341	2.01	ND	ND	ND	ND	ND	ND	ND	10.0	171
10/30/18 02:00 AM	17087	342	1.99	ND	ND	ND	ND	ND	ND	ND	9.4	172
10/30/18 02:30 AM	17210	341	1.99	ND	ND	ND	ND	ND	ND	ND	9.3	171
10/30/18 03:00 AM	17032	341	1.99	ND	ND	ND	ND	ND	ND	ND	7.5	177
10/30/18 03:30 AM	16949	341	1.99	ND	ND	ND	ND	ND	ND	ND	7.7	173
10/30/18 04:00 AM	17103	340	2.00	ND	ND	ND	ND	ND	ND	ND	8.0	172
10/30/18 04:30 AM	17129	340	1.99	ND	ND	ND	ND	ND	ND	ND	8.0	172
10/30/18 05:00 AM	17073	340	1.99	ND	ND	ND	ND	ND	ND	ND	8.3	174
10/30/18 05:30 AM	17062	340	1.98	ND	ND	ND	ND	ND	ND	ND	8.2	173
10/30/18 06:00 AM	17167	340	1.99	ND	ND	ND	ND	ND	ND	ND	8.3	174
10/30/18 06:30 AM	17455	341	1.99	ND	ND	ND	ND	ND	ND	ND	8.0	175
10/30/18 07:00 AM	17432	340	1.99	ND	ND	ND	ND	ND	ND	ND	6.6	177
10/30/18 07:30 AM	17419	341	2.00	ND	ND	ND	ND	ND	ND	ND	7.1	174
10/30/18 08:00 AM	17357	341	2.01	ND	ND	ND	ND	ND	ND	ND	8.4	177
10/30/18 08:30 AM	17642	340	2.04	ND	ND	ND	ND	ND	ND	ND	9.5	176
10/30/18 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.5	172
10/30/18 09:30 AM	17546	337	2.01	ND	ND	ND	ND	ND	ND	ND	12.5	169
10/30/18 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.1	170
10/30/18 10:30 AM	17689	335	1.97	ND	ND	ND	ND	ND	ND	ND	15.4	174
10/30/18 11:00 AM	16665	333	1.93	ND	ND	ND	ND	ND	ND	ND	15.0	171
10/30/18 11:30 AM	16470	333	1.93	ND	ND	ND	ND	ND	ND	ND	16.9	169
10/30/18 12:00 PM	16592	334	1.93	ND	ND	ND	ND	ND	ND	ND	15.3	176
10/30/18 12:30 PM	17168	334	1.94	ND	ND	ND	ND	ND	ND	ND	14.7	175
10/30/18 01:00 PM	17400	335	1.94	ND	ND	ND	ND	ND	ND	ND	15.0	175
10/30/18 01:30 PM	17636	339	1.96	ND	ND	ND	ND	ND	ND	ND	15.2	170
10/30/18 02:00 PM	17746	342	1.96	ND	ND	ND	ND	ND	ND	ND	15.8	173
10/30/18 02:30 PM	17592	342	1.96	ND	ND	ND	ND	ND	ND	ND	14.7	170
10/30/18 03:00 PM	17986	341	1.97	ND	ND	ND	ND	ND	ND	ND	17.3	172
10/30/18 03:30 PM	18207	346	1.98	ND	ND	ND	ND	ND	ND	ND	15.1	171
10/30/18 04:00 PM	17316	340	1.99	ND	ND	ND	ND	ND	ND	ND	13.8	171
10/30/18 04:30 PM	17441	346	1.96	ND	ND	ND	ND	ND	ND	ND	15.8	167
10/30/18 05:00 PM	17528	344	1.97	ND	ND	ND	ND	ND	ND	ND	14.4	163
10/30/18 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.0	159
10/30/18 06:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.0	156
10/30/18 06:30 PM	18546	351	2.02	ND	ND	ND	ND	ND	ND	ND	10.6	152
10/30/18 07:00 PM	18753	351	2.01	ND	ND	ND	ND	ND	ND	ND	10.3	145
10/30/18 07:30 PM	18810	352	1.99	ND	ND	ND	ND	ND	ND	ND	10.4	161
10/30/18 08:00 PM	19194	355	2.02	ND	ND	ND	ND	ND	ND	ND	12.5	164
10/30/18 08:30 PM	18744	352	2.01	ND	ND	ND	ND	ND	ND	ND	12.6	164
10/30/18 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.8	158
10/30/18 09:30 PM	18587	351	2.01	ND	ND	ND	ND	ND	ND	ND	13.0	156
10/30/18 10:00 PM	18779	353	2.01	ND	ND	ND	ND	ND	ND	ND	13.5	156
10/30/18 10:30 PM	18802	359	2.01	ND	ND	ND	ND	ND	ND	ND	14.4	156
10/30/18 11:00 PM	18899	359	2.02	ND	ND	ND	ND	ND	ND	ND	13.5	159
10/30/18 11:30 PM	18893	355	2.02	ND	ND	ND	ND	ND	ND	ND	14.4	156
10/31/18 12:00 AM	18945	356	2.02	ND	ND	ND	ND	ND	ND	ND	15.6	157

## Daily Processed Summary (Average, Maximum)

Average	17694	343	1.99	BDL	BDL	BDL	BDL	BDL	BDL	BDL	11.8	167
Maximum Value	19194	359	2.04	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected



# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10/31/18 12:30 AM	19099	358	2.02	ND	ND	ND	ND	ND	ND	ND	14.8	160
10/31/18 01:00 AM	19165	357	2.02	ND	ND	ND	ND	ND	ND	ND	14.4	163
10/31/18 01:30 AM	19350	351	2.01	ND	ND	ND	ND	ND	ND	ND	13.7	162
10/31/18 02:00 AM	19489	347	2.01	ND	ND	ND	ND	ND	ND	ND	14.5	157
10/31/18 02:30 AM	19833	348	2.02	ND	ND	ND	ND	ND	ND	ND	14.5	158
10/31/18 03:00 AM	19943	356	2.03	ND	ND	ND	ND	ND	ND	ND	13.1	156
10/31/18 03:30 AM	19979	356	2.04	ND	ND	ND	ND	ND	ND	ND	13.1	150
10/31/18 04:00 AM	19966	355	2.03	ND	ND	ND	ND	ND	ND	ND	12.2	143
10/31/18 04:30 AM	20006	349	2.02	ND	ND	ND	ND	ND	ND	ND	10.0	150
10/31/18 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.7	155
10/31/18 05:30 AM	20401	342	2.01	ND	ND	ND	ND	ND	ND	ND	10.2	163
10/31/18 06:00 AM	20647	352	2.04	ND	ND	ND	ND	ND	ND	ND	8.5	158
10/31/18 06:30 AM	20621	348	2.03	ND	ND	ND	ND	ND	ND	ND	10.5	163
10/31/18 07:00 AM	19301	336	1.98	ND	ND	ND	ND	ND	ND	ND	9.5	162
10/31/18 07:30 AM	19476	336	1.99	ND	ND	ND	ND	ND	ND	ND	11.4	151
10/31/18 08:00 AM	19941	343	2.02	ND	ND	ND	ND	ND	ND	ND	10.8	173
10/31/18 08:30 AM	19824	348	2.00	ND	ND	ND	ND	ND	ND	ND	13.5	167
10/31/18 09:00 AM	19540	342	1.99	ND	ND	ND	ND	ND	ND	ND	14.7	154
10/31/18 09:30 AM	19815	347	2.01	ND	ND	ND	ND	ND	ND	ND	13.7	161
10/31/18 10:00 AM	19833	352	2.01	ND	ND	ND	ND	ND	ND	ND	14.5	168
10/31/18 10:30 AM	19767	351	2.01	ND	ND	ND	ND	ND	ND	ND	14.4	169
10/31/18 11:00 AM	20689	341	2.01	ND	ND	ND	ND	ND	ND	ND	16.7	173
10/31/18 11:30 AM	21154	337	2.03	ND	ND	ND	ND	ND	ND	ND	18.8	172
10/31/18 12:00 PM	20978	335	2.02	ND	ND	ND	ND	ND	ND	ND	19.4	169
10/31/18 12:30 PM	21049	335	2.03	ND	ND	ND	ND	ND	ND	ND	18.3	172
10/31/18 01:00 PM	21058	336	2.02	ND	ND	ND	ND	ND	ND	ND	19.2	173
10/31/18 01:30 PM	20845	336	2.03	ND	ND	ND	ND	ND	ND	ND	19.3	174
10/31/18 02:00 PM	19591	319	1.86	ND	ND	ND	ND	ND	ND	ND	17.6	179
10/31/18 02:30 PM	19744	320	1.87	ND	ND	ND	ND	ND	ND	ND	17.6	177
10/31/18 03:00 PM	19879	320	1.87	ND	ND	ND	ND	ND	ND	ND	17.3	179
10/31/18 03:30 PM	19735	321	1.87	ND	ND	ND	ND	ND	ND	ND	16.3	172
10/31/18 04:00 PM	19918	323	1.88	ND	ND	ND	ND	ND	ND	ND	15.7	171
10/31/18 04:30 PM	20292	323	1.89	ND	ND	ND	ND	ND	ND	ND	14.2	178
10/31/18 05:00 PM	20597	323	1.90	ND	ND	ND	ND	ND	ND	ND	14.7	178
10/31/18 05:30 PM	20634	322	1.90	ND	ND	ND	ND	ND	ND	ND	13.9	179
10/31/18 06:00 PM	20390	322	1.89	ND	ND	ND	ND	ND	ND	ND	15.3	180
10/31/18 06:30 PM	20318	323	1.89	ND	ND	ND	ND	ND	ND	ND	17.5	178
10/31/18 07:00 PM	20428	324	1.90	ND	ND	ND	ND	ND	ND	ND	15.0	183
10/31/18 07:30 PM	20588	323	1.90	ND	ND	ND	ND	ND	ND	ND	13.6	190
10/31/18 08:00 PM	20671	323	1.90	ND	ND	ND	ND	ND	ND	ND	12.5	194
10/31/18 08:30 PM	20679	321	1.89	ND	ND	ND	ND	ND	ND	ND	15.6	235
10/31/18 09:00 PM	20663	320	1.88	ND	ND	ND	ND	ND	ND	ND	19.5	65
10/31/18 09:30 PM	20662	320	1.88	ND	ND	ND	ND	ND	ND	ND	14.8	63
10/31/18 10:00 PM	16969	319	1.83	ND	ND	ND	ND	ND	ND	ND	9.0	122
10/31/18 10:30 PM	12578	285	1.70	ND	ND	ND	ND	ND	ND	ND	12.0	239
10/31/18 11:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	11.2	238
10/31/18 11:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	11.0	337
11/01/18 12:00 AM	12546	299	1.77	ND	ND	ND	ND	ND	ND	ND	11.0	337

## Daily Processed Summary (Average, Maximum)

Average	19748	334	1.95	BDL	BDL	BDL	BDL	BDL	BDL	BDL	12.2	169
Maximum Value	21154	358	2.04	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected



**Formosa Plastics Corporation  
North AAMS Site  
Validated Exceedances of 30-Minute Block Averaged Trigger Levels  
November 2018**

<u>Day</u>	<u>Period</u>	<u>Compound</u>	30-Min Avg. Concentration (ppb)	Trigger Level (ppb)	Wind Speed (mph)	Wind Direction (degrees)
			NONE			

**Formosa Plastics Corporation  
North AAMS Site  
Validated Exceedances of 30-Minute Running Averaged Trigger Levels  
November 2018**

<u>Day</u>	<u>Period</u>	<u>Compound</u>	30-Minute Max Avg. Concentration (ppb)	Trigger Level (ppb)	Max Wind Speed (mph)	Max Wind Direction (degrees)
			NONE			

Open Path FTIR Daily (24-hour) Averages  
Site: Formosa North AAMS

Timestamp	Capture (%)	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/1/2018	100	9130	325	1.89	BDL	BDL	BDL	BDL	BDL	BDL	BDL	8.1	332
11/2/2018	58	7674	341	2.47	BDL	BDL	BDL	BDL	BDL	BDL	0.00020	2.0	245
11/3/2018	100	7185	336	1.82	BDL	BDL	BDL	BDL	BDL	BDL	BDL	12.1	166
11/4/2018	100	7316	338	1.74	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.9	49
11/5/2018	100	7523	350	1.57	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7.4	179
11/6/2018	100	7604	354	1.63	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.8	168
11/7/2018	100	7620	374	1.61	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7.9	181
11/8/2018	100	7272	376	1.51	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.0	53
11/9/2018	100	7106	373	1.52	BDL	BDL	BDL	BDL	BDL	BDL	BDL	12.6	16
11/10/2018	56	7139	391	1.64	BDL	BDL	BDL	BDL	BDL	BDL	BDL	10.0	23
11/11/2018	0											9.5	39
11/12/2018	0											13.5	347
11/13/2018	0											14.8	341
11/14/2018	0											6.8	332
11/15/2018	23	5988	331	2.00	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.4	155
11/16/2018	0											1.6	155
11/17/2018	0											6.4	110
11/18/2018	0											6.9	33
11/19/2018	0											9.0	13
11/20/2018	52	6733	321	2.16	BDL	BDL	BDL	BDL	BDL	BDL	BDL	9.7	16
11/21/2018	27	6974	314	2.23	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7.5	33
11/22/2018	0											5.2	44
11/23/2018	0											0.5	297
11/24/2018	0											1.9	178
11/25/2018	0											6.7	333
11/26/2018	56	4437	319	1.93	BDL	BDL	BDL	BDL	BDL	BDL	BDL	10.2	342
11/27/2018	100	5741	319	2.35	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.8	94
11/28/2018	100	11589	312	2.18	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.4	183
11/29/2018	94	14454	269	1.78	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.0	182
11/30/2018	100	18000	298	1.99	BDL	BDL	BDL	BDL	BDL	BDL	BDL	10.1	154

Daily Processed Summary (Average, Maximum)

Average	49	8305	335	1.89	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.3	27
Maximum Value	100	18000	391	2.47	BDL	BDL	BDL	BDL	BDL	BDL	0.00020		

BDL = Below Detection Limit  
Blank = Not Available

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	CH6 (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BTJ_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/01/18 12:30 AM	12804	317	1.81	ND	ND	ND	ND	ND	ND	ND	8.4	185
11/01/18 01:00 AM	12887	322	1.82	ND	ND	ND	ND	ND	ND	ND	6.1	230
11/01/18 01:30 AM	12711	326	1.85	ND	ND	ND	ND	ND	ND	ND	10.0	334
11/01/18 02:00 AM	12758	329	1.92	ND	ND	ND	ND	ND	ND	ND	12.9	325
11/01/18 02:30 AM	12758	329	2.05	ND	ND	ND	ND	ND	ND	ND	10.2	232
11/01/18 03:00 AM	12695	331	1.96	ND	ND	ND	ND	ND	ND	ND	11.5	275
11/01/18 03:30 AM	12378	331	1.91	ND	ND	ND	ND	ND	ND	ND	14.0	326
11/01/18 04:00 AM	12164	333	1.87	ND	ND	ND	ND	ND	ND	ND	14.6	324
11/01/18 04:30 AM	11728	333	1.87	ND	ND	ND	ND	ND	ND	ND	12.9	324
11/01/18 05:00 AM	11765	333	1.92	ND	ND	ND	ND	ND	ND	ND	10.9	332
11/01/18 05:30 AM	11311	334	1.89	ND	ND	ND	ND	ND	ND	ND	13.5	322
11/01/18 06:00 AM	11294	334	1.90	ND	ND	ND	ND	ND	ND	ND	18.2	329
11/01/18 06:30 AM	11010	334	1.88	ND	ND	ND	ND	ND	ND	ND	18.8	329
11/01/18 07:00 AM	10500	333	1.87	ND	ND	ND	ND	ND	ND	ND	15.6	333
11/01/18 07:30 AM	9601	332	1.81	ND	ND	ND	ND	ND	ND	ND	15.3	329
11/01/18 08:00 AM	9506	331	1.79	ND	ND	ND	ND	ND	ND	ND	14.8	333
11/01/18 08:30 AM	9476	331	1.81	ND	ND	ND	ND	ND	ND	ND	14.1	323
11/01/18 09:00 AM	9319	330	1.78	ND	ND	ND	ND	ND	ND	ND	13.3	339
11/01/18 09:30 AM	9235	329	1.80	ND	ND	ND	ND	ND	ND	ND	15.5	346
11/01/18 10:00 AM	9020	326	1.76	ND	ND	ND	ND	ND	ND	ND	17.3	351
11/01/18 10:30 AM	8167	324	1.73	ND	ND	ND	ND	ND	ND	ND	15.1	344
11/01/18 11:00 AM	7725	323	1.72	ND	ND	ND	ND	ND	ND	ND	15.2	351
11/01/18 11:30 AM	7898	321	1.72	ND	ND	ND	ND	ND	ND	ND	14.8	61
11/01/18 12:00 PM	7866	319	1.70	ND	ND	ND	ND	ND	ND	ND	13.8	292
11/01/18 12:30 PM	7649	316	1.68	ND	ND	ND	ND	ND	ND	ND	12.8	238
11/01/18 01:00 PM	7543	315	1.67	ND	ND	ND	ND	ND	ND	ND	12.5	345
11/01/18 01:30 PM	7486	313	1.67	ND	ND	ND	ND	ND	ND	ND	13.2	341
11/01/18 02:00 PM	7342	311	1.65	ND	ND	ND	ND	ND	ND	ND	12.9	334
11/01/18 02:30 PM	7198	313	1.65	ND	ND	ND	ND	ND	ND	ND	11.5	338
11/01/18 03:00 PM	7033	313	1.64	ND	ND	ND	ND	ND	ND	ND	11.4	287
11/01/18 03:30 PM	6939	313	1.64	ND	ND	ND	ND	ND	ND	ND	11.0	352
11/01/18 04:00 PM	6812	314	1.64	ND	ND	ND	ND	ND	ND	ND	10.6	355
11/01/18 04:30 PM	6667	316	1.64	ND	ND	ND	ND	ND	ND	ND	7.4	297
11/01/18 05:00 PM	6715	318	1.66	ND	ND	ND	ND	ND	ND	ND	5.8	2
11/01/18 05:30 PM	6674	317	1.65	ND	ND	ND	ND	ND	ND	ND	3.5	181
11/01/18 06:00 PM	6588	314	1.64	ND	ND	ND	ND	ND	ND	ND	3.6	77
11/01/18 06:30 PM	7018	316	1.67	ND	ND	ND	ND	ND	ND	ND	4.3	180
11/01/18 07:00 PM	7373	319	1.73	ND	ND	ND	ND	ND	ND	ND	3.6	12
11/01/18 07:30 PM	7802	321	1.80	ND	ND	ND	ND	ND	ND	ND	3.8	27
11/01/18 08:00 PM	8369	326	2.73	ND	ND	ND	ND	ND	ND	ND	4.0	27
11/01/18 08:30 PM	8395	328	1.94	ND	ND	ND	ND	ND	ND	ND	4.9	15
11/01/18 09:00 PM	8384	331	1.92	ND	ND	ND	ND	ND	ND	ND	4.7	8
11/01/18 09:30 PM	8622	332	3.54	ND	ND	ND	ND	ND	ND	ND	4.7	5
11/01/18 10:00 PM	8362	332	3.07	ND	ND	ND	ND	ND	ND	ND	3.6	19
11/01/18 10:30 PM	8317	332	2.16	ND	ND	ND	ND	ND	ND	ND	1.8	45
11/01/18 11:00 PM	8210	331	2.04	ND	ND	ND	ND	ND	ND	ND	2.5	47
11/01/18 11:30 PM	8123	330	2.05	ND	ND	ND	ND	ND	ND	ND		
11/02/18 12:00 AM	8101	330	2.05	ND	ND	ND	ND	ND	ND	ND		

## Daily Processed Summary (Average, Maximum)

Average	9130	325	1.89	BDL	BDL	BDL	BDL	BDL	BDL	BDL	8.1	332
Maximum Value	12887	334	3.54	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/02/18 12:30 AM	8357	329	4.31	ND	ND	ND	ND	ND	ND	ND	3.1	33
11/02/18 01:00 AM	8477	330	2.93	ND	ND	ND	ND	ND	ND	ND	3.0	15
11/02/18 01:30 AM	8311	332	2.41	ND	ND	ND	ND	ND	ND	ND	2.8	8
11/02/18 02:00 AM	8240	331	2.76	ND	ND	ND	ND	ND	ND	ND	2.9	16
11/02/18 02:30 AM	8317	334	3.69	ND	ND	ND	ND	ND	ND	ND	2.3	67
11/02/18 03:00 AM	8020	331	5.15	ND	ND	ND	ND	ND	ND	ND	1.2	309
11/02/18 03:30 AM	7894	330	4.47	ND	ND	ND	ND	ND	ND	ND	3.1	303
11/02/18 04:00 AM	8009	328	3.10	ND	ND	ND	ND	ND	ND	ND	3.7	293
11/02/18 04:30 AM	8479	331	2.80	ND	ND	ND	ND	ND	ND	ND	3.9	282
11/02/18 05:00 AM	8447	330	2.28	ND	ND	ND	ND	ND	ND	ND	4.4	300
11/02/18 05:30 AM	8087	329	1.94	ND	ND	ND	ND	ND	ND	ND	3.8	314
11/02/18 06:00 AM	7861	328	1.88	ND	ND	ND	ND	ND	ND	ND	3.1	296
11/02/18 06:30 AM	7933	330	1.91	ND	ND	ND	ND	ND	ND	0.00981	4.5	282
11/02/18 07:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.6	287
11/02/18 07:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.9	310
11/02/18 08:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.9	328
11/02/18 08:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.7	334
11/02/18 09:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.2	304
11/02/18 09:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.9	308
11/02/18 10:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.4	296
11/02/18 10:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.2	251
11/02/18 11:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.1	269
11/02/18 11:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.7	264
11/02/18 12:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.3	259
11/02/18 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.3	258
11/02/18 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.5	297
11/02/18 01:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.9	269
11/02/18 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.2	264
11/02/18 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.7	221
11/02/18 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.2	189
11/02/18 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.6	275
11/02/18 04:00 PM	7089	363	1.98	ND	ND	ND	ND	ND	ND	ND	3.6	330
11/02/18 04:30 PM	6953	357	1.96	ND	ND	ND	ND	ND	ND	ND	3.0	293
11/02/18 05:00 PM	6872	356	1.95	ND	ND	ND	ND	ND	ND	ND	1.2	214
11/02/18 05:30 PM	7164	354	1.96	ND	ND	ND	ND	ND	ND	ND	1.4	191
11/02/18 06:00 PM	7328	342	1.99	ND	ND	ND	ND	ND	ND	ND	1.5	164
11/02/18 06:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.6	139
11/02/18 07:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.4	158
11/02/18 07:30 PM	7248	349	2.02	ND	ND	ND	ND	ND	ND	ND	7.1	189
11/02/18 08:00 PM	7292	349	2.00	ND	ND	ND	ND	ND	ND	ND	6.7	183
11/02/18 08:30 PM	7312	350	1.99	ND	ND	ND	ND	ND	ND	ND	6.7	181
11/02/18 09:00 PM	7320	351	1.98	ND	ND	ND	ND	ND	ND	ND	6.7	183
11/02/18 09:30 PM	7331	349	2.00	ND	ND	ND	ND	ND	ND	ND	6.4	186
11/02/18 10:00 PM	7331	350	1.98	ND	ND	ND	ND	ND	ND	ND	5.9	188
11/02/18 10:30 PM	7280	350	1.95	ND	ND	ND	ND	ND	ND	ND	5.8	183
11/02/18 11:00 PM	7275	349	1.94	ND	ND	ND	ND	ND	ND	ND	6.7	180
11/02/18 11:30 PM	7293	350	1.94	ND	ND	ND	ND	ND	ND	ND	7.0	176
11/03/18 12:00 AM	7364	349	1.95	ND	ND	ND	ND	ND	ND	ND	7.7	177

## Daily Processed Summary (Average, Maximum)

Average	7674	341	2.47	BDL	BDL	BDL	BDL	BDL	BDL	0.0020	2.0	245
Maximum Value	8479	363	5.15	BDL	BDL	BDL	BDL	BDL	BDL	0.00981		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCl_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/03/18 12:30 AM	7378	348	1.91	ND	ND	ND	ND	ND	ND	ND	7.8	176
11/03/18 01:00 AM	7346	348	1.87	ND	ND	ND	ND	ND	ND	ND	8.1	177
11/03/18 01:30 AM	7327	349	1.87	ND	ND	ND	ND	ND	ND	ND	8.4	176
11/03/18 02:00 AM	7347	349	1.87	ND	ND	ND	ND	ND	ND	ND	8.4	175
11/03/18 02:30 AM	7351	350	1.86	ND	ND	ND	ND	ND	ND	ND	9.2	171
11/03/18 03:00 AM	7328	348	1.87	ND	ND	ND	ND	ND	ND	ND	8.7	176
11/03/18 03:30 AM	7324	346	1.88	ND	ND	ND	ND	ND	ND	ND	7.2	180
11/03/18 04:00 AM	7333	345	1.90	ND	ND	ND	ND	ND	ND	ND	7.0	180
11/03/18 04:30 AM	7299	344	1.89	ND	ND	ND	ND	ND	ND	ND	6.1	183
11/03/18 05:00 AM	7295	343	1.87	ND	ND	ND	ND	ND	ND	ND	5.9	181
11/03/18 05:30 AM	7299	343	1.84	ND	ND	ND	ND	ND	ND	ND	7.7	174
11/03/18 06:00 AM	7326	342	1.83	ND	ND	ND	ND	ND	ND	ND	8.3	173
11/03/18 06:30 AM	7326	339	1.86	ND	ND	ND	ND	ND	ND	ND	8.2	171
11/03/18 07:00 AM	7281	337	1.87	ND	ND	ND	ND	ND	ND	ND	7.1	176
11/03/18 07:30 AM	7300	335	1.88	ND	ND	ND	ND	ND	ND	ND	7.2	173
11/03/18 08:00 AM	7279	335	1.89	ND	ND	ND	ND	ND	ND	ND	7.9	173
11/03/18 08:30 AM	7300	332	1.91	ND	ND	ND	ND	ND	ND	ND	8.3	176
11/03/18 09:00 AM	7287	330	1.89	ND	ND	ND	ND	ND	ND	ND	10.2	178
11/03/18 09:30 AM	7273	330	1.86	ND	ND	ND	ND	ND	ND	ND	12.0	175
11/03/18 10:00 AM	7222	329	1.84	ND	ND	ND	ND	ND	ND	ND	12.6	173
11/03/18 10:30 AM	7166	327	1.80	ND	ND	ND	ND	ND	ND	ND	13.3	173
11/03/18 11:00 AM	7185	328	1.82	ND	ND	ND	ND	ND	ND	ND	15.4	173
11/03/18 11:30 AM	7149	327	1.82	ND	ND	ND	ND	ND	ND	ND	15.1	169
11/03/18 12:00 PM	7149	327	1.80	ND	ND	ND	ND	ND	ND	ND	15.2	170
11/03/18 12:30 PM	7170	328	1.79	ND	ND	ND	ND	ND	ND	ND	15.6	167
11/03/18 01:00 PM	7155	330	1.79	ND	ND	ND	ND	ND	ND	ND	17.2	170
11/03/18 01:30 PM	7127	329	1.80	ND	ND	ND	ND	ND	ND	ND	19.6	161
11/03/18 02:00 PM	7128	328	1.79	ND	ND	ND	ND	ND	ND	ND	18.9	165
11/03/18 02:30 PM	7141	330	1.82	ND	ND	ND	ND	ND	ND	ND	18.1	165
11/03/18 03:00 PM	7102	332	1.81	ND	ND	ND	ND	ND	ND	ND	19.1	169
11/03/18 03:30 PM	7100	330	1.81	ND	ND	ND	ND	ND	ND	ND	17.8	167
11/03/18 04:00 PM	7058	330	1.79	ND	ND	ND	ND	ND	ND	ND	16.0	166
11/03/18 04:30 PM	7047	331	1.78	ND	ND	ND	ND	ND	ND	ND	14.7	162
11/03/18 05:00 PM	7077	330	1.78	ND	ND	ND	ND	ND	ND	ND	16.5	157
11/03/18 05:30 PM	7128	331	1.77	ND	ND	ND	ND	ND	ND	ND	15.1	160
11/03/18 06:00 PM	7132	333	1.78	ND	ND	ND	ND	ND	ND	ND	12.9	160
11/03/18 06:30 PM	7158	334	1.79	ND	ND	ND	ND	ND	ND	ND	14.0	158
11/03/18 07:00 PM	7157	334	1.77	ND	ND	ND	ND	ND	ND	ND	14.7	155
11/03/18 07:30 PM	7094	336	1.76	ND	ND	ND	ND	ND	ND	ND	17.0	156
11/03/18 08:00 PM	7045	336	1.78	ND	ND	ND	ND	ND	ND	ND	13.5	157
11/03/18 08:30 PM	7037	335	1.79	ND	ND	ND	ND	ND	ND	ND	13.8	157
11/03/18 09:00 PM	6999	336	1.76	ND	ND	ND	ND	ND	ND	ND	11.4	153
11/03/18 09:30 PM	7018	336	1.74	ND	ND	ND	ND	ND	ND	ND	12.4	154
11/03/18 10:00 PM	6979	336	1.75	ND	ND	ND	ND	ND	ND	ND	12.8	148
11/03/18 10:30 PM	6980	337	1.78	ND	ND	ND	ND	ND	ND	ND	15.6	154
11/03/18 11:00 PM	7016	335	1.79	ND	ND	ND	ND	ND	ND	ND	14.7	161
11/03/18 11:30 PM	7079	335	1.80	ND	ND	ND	ND	ND	ND	ND	11.6	158
11/04/18 12:00 AM	7101	335	1.80	ND	ND	ND	ND	ND	ND	ND	10.2	166

Daily Processed Summary (Average, Maximum)

Average	7185	336	1.82	BDL	BDL	BDL	BDL	BDL	BDL	BDL	12.1	166
Maximum Value	7378	350	1.91	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCl_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/04/18 12:30 AM	7113	335	1.77	ND	ND	ND	ND	ND	ND	ND	9.0	180
11/04/18 01:00 AM	7119	333	1.73	ND	ND	ND	ND	ND	ND	ND	8.7	173
11/04/18 01:30 AM	7140	336	1.75	ND	ND	ND	ND	ND	ND	ND	9.3	167
11/04/18 02:00 AM	7164	339	1.75	ND	ND	ND	ND	ND	ND	ND	9.9	168
11/04/18 02:30 AM	7163	340	1.78	ND	ND	ND	ND	ND	ND	ND	10.5	170
11/04/18 03:00 AM	7185	338	1.80	ND	ND	ND	ND	ND	ND	ND	8.8	173
11/04/18 03:30 AM	7187	340	1.81	ND	ND	ND	ND	ND	ND	ND	7.2	172
11/04/18 04:00 AM	7195	340	1.82	ND	ND	ND	ND	ND	ND	ND	6.7	178
11/04/18 04:30 AM	7243	341	1.83	ND	ND	ND	ND	ND	ND	ND	6.0	168
11/04/18 05:00 AM	7268	340	1.87	ND	ND	ND	ND	ND	ND	ND	5.5	175
11/04/18 05:30 AM	7272	338	1.89	ND	ND	ND	ND	ND	ND	ND	3.8	184
11/04/18 06:00 AM	7274	339	1.89	ND	ND	ND	ND	ND	ND	ND	3.0	190
11/04/18 06:30 AM	7253	338	1.87	ND	ND	ND	ND	ND	ND	ND	3.4	199
11/04/18 07:00 AM	7232	337	1.84	ND	ND	ND	ND	ND	ND	ND	2.5	243
11/04/18 07:30 AM	7237	338	1.84	ND	ND	ND	ND	ND	ND	ND	3.6	312
11/04/18 08:00 AM	7240	336	1.84	ND	ND	ND	ND	ND	ND	ND	14.9	347
11/04/18 08:30 AM	7289	334	1.83	ND	ND	ND	ND	ND	ND	ND	15.3	123
11/04/18 09:00 AM	7318	335	1.81	ND	ND	ND	ND	ND	ND	ND	11.6	65
11/04/18 09:30 AM	7341	335	1.79	ND	ND	ND	ND	ND	ND	ND	10.2	18
11/04/18 10:00 AM	7332	336	1.78	ND	ND	ND	ND	ND	ND	ND	12.6	11
11/04/18 10:30 AM	7359	335	1.78	ND	ND	ND	ND	ND	ND	ND	13.4	22
11/04/18 11:00 AM	7398	337	1.76	ND	ND	ND	ND	ND	ND	ND	14.3	15
11/04/18 11:30 AM	7373	336	1.77	ND	ND	ND	ND	ND	ND	ND	13.9	14
11/04/18 12:00 PM	7341	337	1.73	ND	ND	ND	ND	ND	ND	ND	15.1	14
11/04/18 12:30 PM	7301	337	1.70	ND	ND	ND	ND	ND	ND	ND	14.0	13
11/04/18 01:00 PM	7308	336	1.69	ND	ND	ND	ND	ND	ND	ND	13.9	16
11/04/18 01:30 PM	7309	338	1.69	ND	ND	ND	ND	ND	ND	ND	13.7	14
11/04/18 02:00 PM	7286	339	1.69	ND	ND	ND	ND	ND	ND	ND	13.4	16
11/04/18 02:30 PM	7319	340	1.71	ND	ND	ND	ND	ND	ND	ND	13.0	15
11/04/18 03:00 PM	7372	339	1.72	ND	ND	ND	ND	ND	ND	ND	13.0	24
11/04/18 03:30 PM	7342	339	1.71	ND	ND	ND	ND	ND	ND	ND	11.3	26
11/04/18 04:00 PM	7322	339	1.71	ND	ND	ND	ND	ND	ND	ND	8.7	35
11/04/18 04:30 PM	7321	340	1.70	ND	ND	ND	ND	ND	ND	ND	8.1	45
11/04/18 05:00 PM	7327	338	1.69	ND	ND	ND	ND	ND	ND	ND	6.2	41
11/04/18 05:30 PM	7320	336	1.67	ND	ND	ND	ND	ND	ND	ND	3.6	54
11/04/18 06:00 PM	7317	336	1.67	ND	ND	ND	ND	ND	ND	ND	3.9	42
11/04/18 06:30 PM	7346	337	1.69	ND	ND	ND	ND	ND	ND	ND	4.3	38
11/04/18 07:00 PM	7375	336	1.67	ND	ND	ND	ND	ND	ND	ND	3.8	48
11/04/18 07:30 PM	7411	338	1.68	ND	ND	ND	ND	ND	ND	ND	4.1	49
11/04/18 08:00 PM	7415	339	1.67	ND	ND	ND	ND	ND	ND	ND	3.3	55
11/04/18 08:30 PM	7407	340	1.66	ND	ND	ND	ND	ND	ND	ND	2.9	51
11/04/18 09:00 PM	7395	342	1.64	ND	ND	ND	ND	ND	ND	ND	3.4	67
11/04/18 09:30 PM	7427	342	1.65	ND	ND	ND	ND	ND	ND	ND	5.8	94
11/04/18 10:00 PM	7461	342	1.65	ND	ND	ND	ND	ND	ND	ND	6.9	93
11/04/18 10:30 PM	7488	340	1.63	ND	ND	ND	ND	ND	ND	ND	6.5	87
11/04/18 11:00 PM	7496	340	1.64	ND	ND	ND	ND	ND	ND	ND	6.1	88
11/04/18 11:30 PM	7522	338	1.63	ND	ND	ND	ND	ND	ND	ND	4.0	71
11/05/18 12:00 AM	7560	337	1.63	ND	ND	ND	ND	ND	ND	ND	3.7	76

Daily Processed Summary (Average, Maximum)

Average	7316	338	1.74	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.9	49
Maximum Value	7560	342	1.89	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	COH6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VOI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/05/18 12:30 AM	7583	336	1.61	ND	ND	ND	ND	ND	ND	ND	4.5	70
11/05/18 01:00 AM	7556	338	1.59	ND	ND	ND	ND	ND	ND	ND	5.6	89
11/05/18 01:30 AM	7560	342	1.60	ND	ND	ND	ND	ND	ND	ND	4.7	92
11/05/18 02:00 AM	7576	342	1.63	ND	ND	ND	ND	ND	ND	ND	3.4	66
11/05/18 02:30 AM	7522	344	1.61	ND	ND	ND	ND	ND	ND	ND	4.0	42
11/05/18 03:00 AM	7491	342	1.58	ND	ND	ND	ND	ND	ND	ND	2.6	147
11/05/18 03:30 AM	7492	343	1.57	ND	ND	ND	ND	ND	ND	ND	4.9	109
11/05/18 04:00 AM	7471	341	1.58	ND	ND	ND	ND	ND	ND	ND	4.9	110
11/05/18 04:30 AM	7437	341	1.60	ND	ND	ND	ND	ND	ND	ND	5.9	119
11/05/18 05:00 AM	7446	342	1.60	ND	ND	ND	ND	ND	ND	ND	4.5	116
11/05/18 05:30 AM	7476	345	1.58	ND	ND	ND	ND	ND	ND	ND	4.7	103
11/05/18 06:00 AM	7435	346	1.56	ND	ND	ND	ND	ND	ND	ND	7.3	144
11/05/18 06:30 AM	7454	346	1.53	ND	ND	ND	ND	ND	ND	ND	9.7	172
11/05/18 07:00 AM	7493	347	1.51	ND	ND	ND	ND	ND	ND	ND	9.3	175
11/05/18 07:30 AM	7477	349	1.50	ND	ND	ND	ND	ND	ND	ND	8.2	176
11/05/18 08:00 AM	7447	352	1.51	ND	ND	ND	ND	ND	ND	ND	8.6	180
11/05/18 08:30 AM	7425	354	1.49	ND	ND	ND	ND	ND	ND	ND	6.2	191
11/05/18 09:00 AM	7453	353	1.50	ND	ND	ND	ND	ND	ND	ND	5.7	198
11/05/18 09:30 AM	7455	352	1.53	ND	ND	ND	ND	ND	ND	ND	5.8	204
11/05/18 10:00 AM	7463	351	1.56	ND	ND	ND	ND	ND	ND	ND	9.8	197
11/05/18 10:30 AM	7488	354	1.56	ND	ND	ND	ND	ND	ND	ND	9.3	198
11/05/18 11:00 AM	7476	356	1.56	ND	ND	ND	ND	ND	ND	ND	13.3	193
11/05/18 11:30 AM	7544	355	1.57	ND	ND	ND	ND	ND	ND	ND	14.6	192
11/05/18 12:00 PM	7536	357	1.56	ND	ND	ND	ND	ND	ND	ND	15.6	192
11/05/18 12:30 PM	7516	358	1.60	ND	ND	ND	ND	ND	ND	ND	15.2	195
11/05/18 01:00 PM	7509	358	1.62	ND	ND	ND	ND	ND	ND	ND	12.1	196
11/05/18 01:30 PM	7520	357	1.62	ND	ND	ND	ND	ND	ND	ND	13.3	195
11/05/18 02:00 PM	7536	357	1.60	ND	ND	ND	ND	ND	ND	ND	14.4	193
11/05/18 02:30 PM	7562	355	1.57	ND	ND	ND	ND	ND	ND	ND	13.6	190
11/05/18 03:00 PM	7578	354	1.57	ND	ND	ND	ND	ND	ND	ND	12.9	192
11/05/18 03:30 PM	7593	354	1.57	ND	ND	ND	ND	ND	ND	ND	12.0	191
11/05/18 04:00 PM	7549	355	1.58	ND	ND	ND	ND	ND	ND	ND	11.9	189
11/05/18 04:30 PM	7508	354	1.55	ND	ND	ND	ND	ND	ND	ND	11.7	186
11/05/18 05:00 PM	7553	353	1.58	ND	ND	ND	ND	ND	ND	ND	11.8	181
11/05/18 05:30 PM	7557	351	1.58	ND	ND	ND	ND	ND	ND	ND	8.8	184
11/05/18 06:00 PM	7500	350	1.58	ND	ND	ND	ND	ND	ND	ND	7.6	179
11/05/18 06:30 PM	7448	348	1.59	ND	ND	ND	ND	ND	ND	ND	7.2	174
11/05/18 07:00 PM	7477	350	1.58	ND	ND	ND	ND	ND	ND	ND	7.3	176
11/05/18 07:30 PM	7484	351	1.57	ND	ND	ND	ND	ND	ND	ND	7.8	174
11/05/18 08:00 PM	7498	351	1.57	ND	ND	ND	ND	ND	ND	ND	7.7	175
11/05/18 08:30 PM	7502	351	1.57	ND	ND	ND	ND	ND	ND	ND	8.1	175
11/05/18 09:00 PM	7619	349	1.59	ND	ND	ND	ND	ND	ND	ND	8.5	175
11/05/18 09:30 PM	7696	350	1.60	ND	ND	ND	ND	ND	ND	ND	8.6	179
11/05/18 10:00 PM	7663	349	1.61	ND	ND	ND	ND	ND	ND	ND	8.1	180
11/05/18 10:30 PM	7607	349	1.61	ND	ND	ND	ND	ND	ND	ND	5.4	191
11/05/18 11:00 PM	7613	351	1.58	ND	ND	ND	ND	ND	ND	ND	4.1	193
11/05/18 11:30 PM	7622	353	1.56	ND	ND	ND	ND	ND	ND	ND	3.2	192
11/06/18 12:00 AM	7633	353	1.57	ND	ND	ND	ND	ND	ND	ND		

## Daily Processed Summary (Average, Maximum)

Average	7523	350	1.57	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7.4	179
Maximum Value	7696	358	1.63	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected



Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCI_AVE (ppm)	ETO_AVE (ppm)	BIUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/06/18 12:30 AM	7641	352	1.58	ND	ND	ND	ND	ND	ND	ND	3.3	190
11/06/18 01:00 AM	7633	352	1.59	ND	ND	ND	ND	ND	ND	ND	3.6	191
11/06/18 01:30 AM	7617	354	1.59	ND	ND	ND	ND	ND	ND	ND	3.3	196
11/06/18 02:00 AM	7581	355	1.58	ND	ND	ND	ND	ND	ND	ND	2.8	202
11/06/18 02:30 AM	7545	356	1.60	ND	ND	ND	ND	ND	ND	ND	1.7	210
11/06/18 03:00 AM	7547	356	1.59	ND	ND	ND	ND	ND	ND	ND	1.9	211
11/06/18 03:30 AM	7578	355	1.59	ND	ND	ND	ND	ND	ND	ND	3.6	187
11/06/18 04:00 AM	7554	357	1.61	ND	ND	ND	ND	ND	ND	ND	4.4	175
11/06/18 04:30 AM	7574	357	1.61	ND	ND	ND	ND	ND	ND	ND	5.4	170
11/06/18 05:00 AM	7573	357	1.62	ND	ND	ND	ND	ND	ND	ND	5.8	172
11/06/18 05:30 AM	7560	359	1.65	ND	ND	ND	ND	ND	ND	ND	5.9	170
11/06/18 06:00 AM	7553	359	1.66	ND	ND	ND	ND	ND	ND	ND	6.0	167
11/06/18 06:30 AM	7587	358	1.66	ND	ND	ND	ND	ND	ND	ND	4.0	161
11/06/18 07:00 AM	7615	355	1.68	ND	ND	ND	ND	ND	ND	ND	1.0	90
11/06/18 07:30 AM	7595	352	1.64	ND	ND	ND	ND	ND	ND	ND	3.4	157
11/06/18 08:00 AM	7569	350	1.60	ND	ND	ND	ND	ND	ND	ND	3.4	137
11/06/18 08:30 AM	7610	352	1.60	ND	ND	ND	ND	ND	ND	ND	3.9	127
11/06/18 09:00 AM	7620	350	1.60	ND	ND	ND	ND	ND	ND	ND	6.8	165
11/06/18 09:30 AM	7642	347	1.60	ND	ND	ND	ND	ND	ND	ND	8.5	174
11/06/18 10:00 AM	7623	347	1.59	ND	ND	ND	ND	ND	ND	ND	8.9	172
11/06/18 10:30 AM	7605	345	1.61	ND	ND	ND	ND	ND	ND	ND	8.9	175
11/06/18 11:00 AM	7640	346	1.59	ND	ND	ND	ND	ND	ND	ND	8.9	181
11/06/18 11:30 AM	7610	348	1.59	ND	ND	ND	ND	ND	ND	ND	11.3	169
11/06/18 12:00 PM	7559	351	1.59	ND	ND	ND	ND	ND	ND	ND	9.7	178
11/06/18 12:30 PM	7553	350	1.61	ND	ND	ND	ND	ND	ND	ND	10.0	196
11/06/18 01:00 PM	7576	348	1.61	ND	ND	ND	ND	ND	ND	ND	10.6	194
11/06/18 01:30 PM	7611	347	1.63	ND	ND	ND	ND	ND	ND	ND	10.8	192
11/06/18 02:00 PM	7627	348	1.65	ND	ND	ND	ND	ND	ND	ND	9.7	190
11/06/18 02:30 PM	7647	347	1.66	ND	ND	ND	ND	ND	ND	ND	9.8	188
11/06/18 03:00 PM	7674	349	1.64	ND	ND	ND	ND	ND	ND	ND	9.9	188
11/06/18 03:30 PM	7648	352	1.62	ND	ND	ND	ND	ND	ND	ND	10.1	185
11/06/18 04:00 PM	7666	352	1.62	ND	ND	ND	ND	ND	ND	ND	9.7	180
11/06/18 04:30 PM	7726	353	1.63	ND	ND	ND	ND	ND	ND	ND	8.9	180
11/06/18 05:00 PM	7753	352	1.67	ND	ND	ND	ND	ND	ND	ND	7.7	173
11/06/18 05:30 PM	7708	354	1.70	ND	ND	ND	ND	ND	ND	ND	7.1	177
11/06/18 06:00 PM	7712	352	1.68	ND	ND	ND	ND	ND	ND	ND	6.9	165
11/06/18 06:30 PM	7677	349	1.64	ND	ND	ND	ND	ND	ND	ND	5.4	145
11/06/18 07:00 PM	7706	352	1.62	ND	ND	ND	ND	ND	ND	ND	6.2	137
11/06/18 07:30 PM	7658	356	1.65	ND	ND	ND	ND	ND	ND	ND	6.8	131
11/06/18 08:00 PM	7589	359	1.66	ND	ND	ND	ND	ND	ND	ND	6.8	131
11/06/18 08:30 PM	7583	361	1.66	ND	ND	ND	ND	ND	ND	ND	7.0	129
11/06/18 09:00 PM	7562	362	1.69	ND	ND	ND	ND	ND	ND	ND	7.4	124
11/06/18 09:30 PM	7535	365	1.72	ND	ND	ND	ND	ND	ND	ND	8.0	129
11/06/18 10:00 PM	7523	364	1.71	ND	ND	ND	ND	ND	ND	ND	10.7	139
11/06/18 10:30 PM	7504	366	1.70	ND	ND	ND	ND	ND	ND	ND	11.5	150
11/06/18 11:00 PM	7501	370	1.65	ND	ND	ND	ND	ND	ND	ND	15.0	156
11/06/18 11:30 PM	7516	370	1.62	ND	ND	ND	ND	ND	ND	ND	13.4	165
11/07/18 12:00 AM	7517	370	1.63	ND	ND	ND	ND	ND	ND	ND	12.5	169

Daily Processed Summary (Average, Maximum)

Average	7604	354	1.63	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.8	168
Maximum Value	7753	370	1.72	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/07/18 12:30 AM	7542	370	1.63	ND	ND	ND	ND	ND	ND	ND	13.5	169
11/07/18 01:00 AM	7548	373	1.65	ND	ND	ND	ND	ND	ND	ND	12.4	170
11/07/18 01:30 AM	7555	373	1.64	ND	ND	ND	ND	ND	ND	ND	12.0	172
11/07/18 02:00 AM	7552	375	1.64	ND	ND	ND	ND	ND	ND	ND	11.1	174
11/07/18 02:30 AM	7541	375	1.62	ND	ND	ND	ND	ND	ND	ND	9.7	176
11/07/18 03:00 AM	7609	375	1.59	ND	ND	ND	ND	ND	ND	ND	9.2	176
11/07/18 03:30 AM	7658	373	1.57	ND	ND	ND	ND	ND	ND	ND	6.9	178
11/07/18 04:00 AM	7644	371	1.56	ND	ND	ND	ND	ND	ND	ND	7.1	179
11/07/18 04:30 AM	7645	372	1.59	ND	ND	ND	ND	ND	ND	ND	6.8	179
11/07/18 05:00 AM	7637	370	1.60	ND	ND	ND	ND	ND	ND	ND	5.8	183
11/07/18 05:30 AM	7603	369	1.62	ND	ND	ND	ND	ND	ND	ND	4.8	183
11/07/18 06:00 AM	7619	369	1.61	ND	ND	ND	ND	ND	ND	ND	3.9	186
11/07/18 06:30 AM	7619	371	1.59	ND	ND	ND	ND	ND	ND	ND	2.4	187
11/07/18 07:00 AM	7607	372	1.60	ND	ND	ND	ND	ND	ND	ND	0.8	214
11/07/18 07:30 AM	7663	374	1.59	ND	ND	ND	ND	ND	ND	ND	0.9	184
11/07/18 08:00 AM	7724	376	1.56	ND	ND	ND	ND	ND	ND	ND	1.9	191
11/07/18 08:30 AM	7720	377	1.55	ND	ND	ND	ND	ND	ND	ND	5.1	201
11/07/18 09:00 AM	7730	377	1.56	ND	ND	ND	ND	ND	ND	ND	6.5	192
11/07/18 09:30 AM	7750	376	1.58	ND	ND	ND	ND	ND	ND	ND	7.0	196
11/07/18 10:00 AM	7691	375	1.60	ND	ND	ND	ND	ND	ND	ND	6.9	198
11/07/18 10:30 AM	7661	378	1.60	ND	ND	ND	ND	ND	ND	ND	8.5	193
11/07/18 11:00 AM	7689	379	1.63	ND	ND	ND	ND	ND	ND	ND	9.0	198
11/07/18 11:30 AM	7704	377	1.66	ND	ND	ND	ND	ND	ND	ND	9.8	198
11/07/18 12:00 PM	7721	376	1.66	ND	ND	ND	ND	ND	ND	ND	10.3	189
11/07/18 12:30 PM	7690	375	1.64	ND	ND	ND	ND	ND	ND	ND	11.4	190
11/07/18 01:00 PM	7693	377	1.64	ND	ND	ND	ND	ND	ND	ND	10.8	196
11/07/18 01:30 PM	7666	376	1.68	ND	ND	ND	ND	ND	ND	ND	11.1	192
11/07/18 02:00 PM	7627	375	1.68	ND	ND	ND	ND	ND	ND	ND	12.5	190
11/07/18 02:30 PM	7630	374	1.67	ND	ND	ND	ND	ND	ND	ND	11.1	186
11/07/18 03:00 PM	7601	374	1.64	ND	ND	ND	ND	ND	ND	ND	10.5	182
11/07/18 03:30 PM	7625	372	1.63	ND	ND	ND	ND	ND	ND	ND	10.9	192
11/07/18 04:00 PM	7623	371	1.64	ND	ND	ND	ND	ND	ND	ND	10.4	186
11/07/18 04:30 PM	7607	373	1.63	ND	ND	ND	ND	ND	ND	ND	10.7	174
11/07/18 05:00 PM	7601	372	1.62	ND	ND	ND	ND	ND	ND	ND	10.1	173
11/07/18 05:30 PM	7635	374	1.64	ND	ND	ND	ND	ND	ND	ND	9.8	172
11/07/18 06:00 PM	7596	374	1.66	ND	ND	ND	ND	ND	ND	ND	9.3	175
11/07/18 06:30 PM	7574	374	1.65	ND	ND	ND	ND	ND	ND	ND	8.1	178
11/07/18 07:00 PM	7580	372	1.63	ND	ND	ND	ND	ND	ND	ND	7.9	176
11/07/18 07:30 PM	7563	371	1.62	ND	ND	ND	ND	ND	ND	ND	7.3	174
11/07/18 08:00 PM	7534	372	1.62	ND	ND	ND	ND	ND	ND	ND	6.8	174
11/07/18 08:30 PM	7544	374	1.61	ND	ND	ND	ND	ND	ND	ND	7.4	167
11/07/18 09:00 PM	7546	376	1.59	ND	ND	ND	ND	ND	ND	ND	7.6	171
11/07/18 09:30 PM	7542	377	1.57	ND	ND	ND	ND	ND	ND	ND	7.7	172
11/07/18 10:00 PM	7543	378	1.55	ND	ND	ND	ND	ND	ND	ND	7.8	165
11/07/18 10:30 PM	7576	376	1.56	ND	ND	ND	ND	ND	ND	ND	5.6	149
11/07/18 11:00 PM	7584	376	1.57	ND	ND	ND	ND	ND	ND	ND	8.3	177
11/07/18 11:30 PM	7628	375	1.58	ND	ND	ND	ND	ND	ND	ND	7.0	179
11/08/18 12:00 AM	7556	376	1.58	ND	ND	ND	ND	ND	ND	ND	4.9	181

## Daily Processed Summary (Average, Maximum)

Average	7620	374	1.61	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7.9	181
Maximum Value	7750	379	1.68	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/08/18 12:30 AM	7531	377	1.59	ND	ND	ND	ND	ND	ND	ND	3.7	188
11/08/18 01:00 AM	7559	376	1.60	ND	ND	ND	ND	ND	ND	ND	1.2	187
11/08/18 01:30 AM	7510	376	1.58	ND	ND	ND	ND	ND	ND	ND	1.7	198
11/08/18 02:00 AM	7442	376	1.55	ND	ND	ND	ND	ND	ND	ND	2.0	190
11/08/18 02:30 AM	7422	375	1.55	ND	ND	ND	ND	ND	ND	ND	1.6	190
11/08/18 03:00 AM	7397	374	1.52	ND	ND	ND	ND	ND	ND	ND	0.7	252
11/08/18 03:30 AM	7399	374	1.49	ND	ND	ND	ND	ND	ND	ND	1.3	93
11/08/18 04:00 AM	7397	374	1.50	ND	ND	ND	ND	ND	ND	ND	2.8	127
11/08/18 04:30 AM	7393	374	1.49	ND	ND	ND	ND	ND	ND	ND	2.7	97
11/08/18 05:00 AM	7361	374	1.49	ND	ND	ND	ND	ND	ND	ND	1.2	105
11/08/18 05:30 AM	7361	372	1.49	ND	ND	ND	ND	ND	ND	ND	1.6	128
11/08/18 06:00 AM	7351	373	1.47	ND	ND	ND	ND	ND	ND	ND	2.3	85
11/08/18 06:30 AM	7350	374	1.48	ND	ND	ND	ND	ND	ND	ND	3.6	20
11/08/18 07:00 AM	7319	375	1.51	ND	ND	ND	ND	ND	ND	ND	7.1	180
11/08/18 07:30 AM	7301	374	1.53	ND	ND	ND	ND	ND	ND	ND	9.0	10
11/08/18 08:00 AM	7287	374	1.51	ND	ND	ND	ND	ND	ND	ND	9.3	8
11/08/18 08:30 AM	7292	376	1.50	ND	ND	ND	ND	ND	ND	ND	8.3	14
11/08/18 09:00 AM	7304	377	1.50	ND	ND	ND	ND	ND	ND	ND	7.6	22
11/08/18 09:30 AM	7284	378	1.49	ND	ND	ND	ND	ND	ND	ND	7.3	24
11/08/18 10:00 AM	7258	378	1.51	ND	ND	ND	ND	ND	ND	ND	8.2	25
11/08/18 10:30 AM	7257	378	1.53	ND	ND	ND	ND	ND	ND	ND	8.7	21
11/08/18 11:00 AM	7322	377	1.52	ND	ND	ND	ND	ND	ND	ND	9.0	17
11/08/18 11:30 AM	7269	380	1.51	ND	ND	ND	ND	ND	ND	ND	7.3	23
11/08/18 12:00 PM	7268	382	1.51	ND	ND	ND	ND	ND	ND	ND	7.5	31
11/08/18 12:30 PM	7242	381	1.48	ND	ND	ND	ND	ND	ND	ND	6.8	26
11/08/18 01:00 PM	7243	381	1.48	ND	ND	ND	ND	ND	ND	ND	7.4	15
11/08/18 01:30 PM	7255	381	1.49	ND	ND	ND	ND	ND	ND	ND	9.8	23
11/08/18 02:00 PM	7268	380	1.47	ND	ND	ND	ND	ND	ND	ND	6.6	40
11/08/18 02:30 PM	7222	379	1.47	ND	ND	ND	ND	ND	ND	ND	4.9	52
11/08/18 03:00 PM	7247	377	1.49	ND	ND	ND	ND	ND	ND	ND	6.2	105
11/08/18 03:30 PM	7275	373	1.52	ND	ND	ND	ND	ND	ND	ND	5.4	322
11/08/18 04:00 PM	7247	373	1.52	ND	ND	ND	ND	ND	ND	ND	7.9	105
11/08/18 04:30 PM	7229	372	1.55	ND	ND	ND	ND	ND	ND	ND	10.1	123
11/08/18 05:00 PM	7200	370	1.55	ND	ND	ND	ND	ND	ND	ND	10.1	103
11/08/18 05:30 PM	7150	372	1.56	ND	ND	ND	ND	ND	ND	ND	7.8	114
11/08/18 06:00 PM	7126	373	1.54	ND	ND	ND	ND	ND	ND	ND	7.4	49
11/08/18 06:30 PM	7155	375	1.55	ND	ND	ND	ND	ND	ND	ND	6.6	123
11/08/18 07:00 PM	7164	378	1.52	ND	ND	ND	ND	ND	ND	ND	7.5	185
11/08/18 07:30 PM	7164	377	1.52	ND	ND	ND	ND	ND	ND	ND	7.9	35
11/08/18 08:00 PM	7158	377	1.50	ND	ND	ND	ND	ND	ND	ND	7.8	49
11/08/18 08:30 PM	7142	376	1.50	ND	ND	ND	ND	ND	ND	ND	7.0	43
11/08/18 09:00 PM	7159	372	1.49	ND	ND	ND	ND	ND	ND	ND	7.1	44
11/08/18 09:30 PM	7157	370	1.49	ND	ND	ND	ND	ND	ND	ND	6.7	52
11/08/18 10:00 PM	7159	373	1.45	ND	ND	ND	ND	ND	ND	ND	7.0	50
11/08/18 10:30 PM	7086	374	1.44	ND	ND	ND	ND	ND	ND	ND	7.7	68
11/08/18 11:00 PM	7112	374	1.42	ND	ND	ND	ND	ND	ND	ND	7.0	68
11/08/18 11:30 PM	7134	374	1.42	ND	ND	ND	ND	ND	ND	ND	6.8	70
11/09/18 12:00 AM	7131	377	1.43	ND	ND	ND	ND	ND	ND	ND	5.3	56

## Daily Processed Summary (Average, Maximum)

Average	7272	376	1.51	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.0	53
Maximum Value	7559	382	1.60	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/09/18 12:30 AM	7106	376	1.42	ND	ND	ND	ND	ND	ND	ND	6.3	28
11/09/18 01:00 AM	7110	374	1.44	ND	ND	ND	ND	ND	ND	ND	7.3	181
11/09/18 01:30 AM	7072	374	1.45	ND	ND	ND	ND	ND	ND	ND	10.7	291
11/09/18 02:00 AM	7047	374	1.46	ND	ND	ND	ND	ND	ND	ND	15.8	9
11/09/18 02:30 AM	7028	371	1.47	ND	ND	ND	ND	ND	ND	ND	16.1	8
11/09/18 03:00 AM	7009	369	1.49	ND	ND	ND	ND	ND	ND	ND	18.3	356
11/09/18 03:30 AM	6970	369	1.51	ND	ND	ND	ND	ND	ND	ND	19.5	356
11/09/18 04:00 AM	6966	367	1.50	ND	ND	ND	ND	ND	ND	ND	18.4	183
11/09/18 04:30 AM	6977	367	1.51	ND	ND	ND	ND	ND	ND	ND	20.8	68
11/09/18 05:00 AM	6953	369	1.52	ND	ND	ND	ND	ND	ND	ND	18.4	236
11/09/18 05:30 AM	6958	369	1.52	ND	ND	ND	ND	ND	ND	ND	20.5	69
11/09/18 06:00 AM	6991	369	1.51	ND	ND	ND	ND	ND	ND	ND	21.7	10
11/09/18 06:30 AM	7008	368	1.49	ND	ND	ND	ND	ND	ND	ND	20.9	11
11/09/18 07:00 AM	7028	366	1.46	ND	ND	ND	ND	ND	ND	ND	22.6	4
11/09/18 07:30 AM	7015	367	1.45	ND	ND	ND	ND	ND	ND	ND	22.1	11
11/09/18 08:00 AM	6977	368	1.46	ND	ND	ND	ND	ND	ND	ND	21.8	12
11/09/18 08:30 AM	6987	368	1.46	ND	ND	ND	ND	ND	ND	ND	21.1	12
11/09/18 09:00 AM	6987	369	1.45	ND	ND	ND	ND	ND	ND	ND	19.6	10
11/09/18 09:30 AM	7056	369	1.47	ND	ND	ND	ND	ND	ND	ND	18.6	9
11/09/18 10:00 AM	7050	366	1.49	ND	ND	ND	ND	ND	ND	ND	18.5	7
11/09/18 10:30 AM	6998	363	1.49	ND	ND	ND	ND	ND	ND	ND	16.9	123
11/09/18 11:00 AM	7035	364	1.47	ND	ND	ND	ND	ND	ND	ND	19.5	182
11/09/18 11:30 AM	7103	365	1.45	ND	ND	ND	ND	ND	ND	ND	21.3	9
11/09/18 12:00 PM	7108	364	1.45	ND	ND	ND	ND	ND	ND	ND	19.0	68
11/09/18 12:30 PM	7144	363	1.47	ND	ND	ND	ND	ND	ND	ND	18.0	9
11/09/18 01:00 PM	7181	363	1.50	ND	ND	ND	ND	ND	ND	ND	20.1	9
11/09/18 01:30 PM	7228	362	1.51	ND	ND	ND	ND	ND	ND	ND	19.3	7
11/09/18 02:00 PM	7218	362	1.52	ND	ND	ND	ND	ND	ND	ND	18.6	7
11/09/18 02:30 PM	7182	365	1.54	ND	ND	ND	ND	ND	ND	ND	18.8	9
11/09/18 03:00 PM	7127	369	1.55	ND	ND	ND	ND	ND	ND	ND	18.9	7
11/09/18 03:30 PM	7115	371	1.55	ND	ND	ND	ND	ND	ND	ND	19.6	7
11/09/18 04:00 PM	7144	373	1.56	ND	ND	ND	ND	ND	ND	ND	19.6	12
11/09/18 04:30 PM	7131	377	1.58	ND	ND	ND	ND	ND	ND	ND	19.1	13
11/09/18 05:00 PM	7111	380	1.58	ND	ND	ND	ND	ND	ND	ND	17.1	13
11/09/18 05:30 PM	7162	380	1.58	ND	ND	ND	ND	ND	ND	ND	14.8	14
11/09/18 06:00 PM	7208	383	1.59	ND	ND	ND	ND	ND	ND	ND	14.0	13
11/09/18 06:30 PM	7240	383	1.59	ND	ND	ND	ND	ND	ND	ND	11.6	11
11/09/18 07:00 PM	7243	383	1.57	ND	ND	ND	ND	ND	ND	ND	11.0	10
11/09/18 07:30 PM	7278	385	1.55	ND	ND	ND	ND	ND	ND	ND	10.9	11
11/09/18 08:00 PM	7276	386	1.57	ND	ND	ND	ND	ND	ND	ND	13.2	13
11/09/18 08:30 PM	7266	387	1.57	ND	ND	ND	ND	ND	ND	ND	14.0	13
11/09/18 09:00 PM	7245	385	1.60	ND	ND	ND	ND	ND	ND	ND	14.0	14
11/09/18 09:30 PM	7214	382	1.61	ND	ND	ND	ND	ND	ND	ND	13.5	14
11/09/18 10:00 PM	7208	381	1.64	ND	ND	ND	ND	ND	ND	ND	12.1	15
11/09/18 10:30 PM	7156	383	1.64	ND	ND	ND	ND	ND	ND	ND	10.1	19
11/09/18 11:00 PM	7145	385	1.62	ND	ND	ND	ND	ND	ND	ND	9.7	11
11/09/18 11:30 PM	7159	385	1.63	ND	ND	ND	ND	ND	ND	ND	9.5	66
11/10/18 12:00 AM	7156	388	1.64	ND	ND	ND	ND	ND	ND	ND	11.1	66

## Daily Processed Summary (Average, Maximum)

Average	7106	373	1.52	BDL	BDL	BDL	BDL	BDL	BDL	BDL	12.6	16
Maximum Value	7278	388	1.64	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/10/18 12:30 AM	7152	388	1.65	ND	ND	ND	ND	ND	ND	ND	13.4	64
11/10/18 01:00 AM	7184	386	1.66	ND	ND	ND	ND	ND	ND	ND	13.5	8
11/10/18 01:30 AM	7162	388	1.63	ND	ND	ND	ND	ND	ND	ND	14.2	12
11/10/18 02:00 AM	7106	391	1.61	ND	ND	ND	ND	ND	ND	ND	14.3	12
11/10/18 02:30 AM	7108	394	1.60	ND	ND	ND	ND	ND	ND	ND	15.1	17
11/10/18 03:00 AM	7156	394	1.60	ND	ND	ND	ND	ND	ND	ND	12.1	16
11/10/18 03:30 AM	7186	392	1.63	ND	ND	ND	ND	ND	ND	ND	11.5	14
11/10/18 04:00 AM	7193	389	1.65	ND	ND	ND	ND	ND	ND	ND	9.8	18
11/10/18 04:30 AM	7186	388	1.64	ND	ND	ND	ND	ND	ND	ND	11.8	20
11/10/18 05:00 AM	7203	388	1.63	ND	ND	ND	ND	ND	ND	ND	13.3	23
11/10/18 05:30 AM	7212	386	1.66	ND	ND	ND	ND	ND	ND	ND	9.0	23
11/10/18 06:00 AM	7172	386	1.65	ND	ND	ND	ND	ND	ND	ND	9.2	14
11/10/18 06:30 AM	7215	388	1.64	ND	ND	ND	ND	ND	ND	ND	8.5	10
11/10/18 07:00 AM	7214	390	1.64	ND	ND	ND	ND	ND	ND	ND	10.8	14
11/10/18 07:30 AM	7192	392	1.64	ND	ND	ND	ND	ND	ND	ND	11.1	12
11/10/18 08:00 AM	7167	391	1.64	ND	ND	ND	ND	ND	ND	ND	11.4	13
11/10/18 08:30 AM	7113	391	1.65	ND	ND	ND	ND	ND	ND	ND	12.1	17
11/10/18 09:00 AM	7108	393	1.64	ND	ND	ND	ND	ND	ND	ND	12.1	25
11/10/18 09:30 AM	7128	392	1.66	ND	ND	ND	ND	ND	ND	ND	13.1	24
11/10/18 10:00 AM	7144	392	1.65	ND	ND	ND	ND	ND	ND	ND	12.5	24
11/10/18 10:30 AM	7118	394	1.64	ND	ND	ND	ND	ND	ND	ND	12.0	17
11/10/18 11:00 AM	7106	394	1.62	ND	ND	ND	ND	ND	ND	ND	11.5	16
11/10/18 11:30 AM	7083	394	1.60	ND	ND	ND	ND	ND	ND	ND	11.8	14
11/10/18 12:00 PM	7057	392	1.62	ND	ND	ND	ND	ND	ND	ND	12.0	13
11/10/18 12:30 PM	7027	392	1.63	ND	ND	ND	ND	ND	ND	ND	12.7	22
11/10/18 01:00 PM	7019	391	1.66	ND	ND	ND	ND	ND	ND	ND	12.5	24
11/10/18 01:30 PM	7044	393	1.66	ND	ND	ND	ND	ND	ND	ND	12.2	24
11/10/18 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.8	23
11/10/18 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.2	19
11/10/18 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.3	28
11/10/18 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.2	24
11/10/18 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.5	24
11/10/18 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.7	24
11/10/18 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.1	26
11/10/18 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.9	24
11/10/18 06:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.1	25
11/10/18 06:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.6	19
11/10/18 07:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.1	23
11/10/18 07:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.5	31
11/10/18 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.5	30
11/10/18 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.8	39
11/10/18 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.7	45
11/10/18 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.8	54
11/10/18 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.2	57
11/10/18 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.6	50
11/10/18 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.9	41
11/10/18 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.7	22
11/11/18 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.3	127

Daily Processed Summary (Average, Maximum)

Average	7139	391	1.64	BDL	BDL	BDL	BDL	BDL	BDL	BDL	10.0	23
Maximum Value	7215	394	1.66	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAM's

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VOI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/11/18 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.4	63
11/11/18 01:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.8	16
11/11/18 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.6	21
11/11/18 02:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.6	30
11/11/18 02:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.8	27
11/11/18 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.4	20
11/11/18 03:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.7	19
11/11/18 04:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.8	26
11/11/18 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.4	27
11/11/18 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.9	29
11/11/18 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.9	37
11/11/18 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.6	43
11/11/18 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.8	46
11/11/18 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.0	45
11/11/18 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.6	49
11/11/18 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.0	34
11/11/18 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.2	37
11/11/18 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.7	38
11/11/18 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.4	36
11/11/18 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.8	35
11/11/18 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.2	36
11/11/18 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.3	36
11/11/18 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.3	41
11/11/18 12:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.2	34
11/11/18 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.5	36
11/11/18 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.3	45
11/11/18 01:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.4	41
11/11/18 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.9	45
11/11/18 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.5	48
11/11/18 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.2	48
11/11/18 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.2	51
11/11/18 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.5	48
11/11/18 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.3	28
11/11/18 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.6	24
11/11/18 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.1	17
11/11/18 06:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.7	16
11/11/18 06:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.2	31
11/11/18 07:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.9	41
11/11/18 07:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.4	42
11/11/18 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.3	44
11/11/18 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.4	49
11/11/18 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.0	44
11/11/18 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.5	47
11/11/18 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.7	51
11/11/18 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.9	57
11/11/18 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.0	68
11/11/18 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.6	66
11/12/18 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.6	72

## Daily Processed Summary (Average, Maximum)

Average	#DIV/0!	#DIV/0!	#DIV/0!	BDL	BDL	BDL	BDL	BDL	BDL	BDL	9.5	39
Maximum Value	0	0	0.00	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	CEH6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/12/18 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.2	50
11/12/18 01:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.5	26
11/12/18 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.8	45
11/12/18 02:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.0	68
11/12/18 02:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.9	130
11/12/18 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.9	42
11/12/18 03:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	1.4	144
11/12/18 04:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.3	267
11/12/18 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.0	319
11/12/18 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.6	341
11/12/18 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.8	121
11/12/18 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.8	75
11/12/18 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.3	339
11/12/18 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.4	351
11/12/18 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.3	341
11/12/18 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.0	330
11/12/18 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.3	331
11/12/18 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.6	339
11/12/18 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.6	346
11/12/18 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.3	342
11/12/18 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.3	345
11/12/18 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.9	334
11/12/18 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	15.6	337
11/12/18 12:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	21.1	339
11/12/18 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	19.6	348
11/12/18 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	17.6	349
11/12/18 01:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	20.4	342
11/12/18 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	20.1	338
11/12/18 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	19.1	341
11/12/18 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	19.9	345
11/12/18 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	19.5	350
11/12/18 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	21.0	349
11/12/18 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	22.6	350
11/12/18 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	21.4	351
11/12/18 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	21.3	350
11/12/18 06:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	22.6	347
11/12/18 06:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	22.4	351
11/12/18 07:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	21.4	343
11/12/18 07:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	22.6	348
11/12/18 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	20.2	352
11/12/18 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	18.8	346
11/12/18 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	20.3	343
11/12/18 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	21.4	349
11/12/18 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	20.3	346
11/12/18 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	23.0	349
11/12/18 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	22.2	346
11/12/18 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	21.9	347
11/13/18 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline		

## Daily Processed Summary (Average, Maximum)

Average	#DIV/0!	#DIV/0!	#DIV/0!	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Maximum Value	0	0	0.00	BDL	BDL	BDL	BDL	BDL	BDL	BDL	13.5	347

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	CGH6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VC1_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/13/18 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	24.1	350
11/13/18 01:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	24.2	348
11/13/18 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	22.5	342
11/13/18 02:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	21.3	339
11/13/18 02:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	23.3	342
11/13/18 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	21.7	342
11/13/18 03:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	20.1	344
11/13/18 04:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	21.0	340
11/13/18 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	20.3	342
11/13/18 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	23.6	342
11/13/18 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	20.8	341
11/13/18 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	22.6	343
11/13/18 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	20.5	343
11/13/18 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	17.9	342
11/13/18 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	19.1	342
11/13/18 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	17.0	337
11/13/18 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	19.9	339
11/13/18 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	19.1	339
11/13/18 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	17.5	331
11/13/18 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	17.0	333
11/13/18 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	16.2	334
11/13/18 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	18.1	335
11/13/18 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	17.5	337
11/13/18 12:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	18.5	333
11/13/18 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	16.9	334
11/13/18 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	16.5	338
11/13/18 01:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	17.5	331
11/13/18 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	17.8	331
11/13/18 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	18.1	327
11/13/18 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	17.9	326
11/13/18 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	19.6	334
11/13/18 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	18.2	338
11/13/18 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	15.0	347
11/13/18 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.3	346
11/13/18 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.2	352
11/13/18 06:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.9	355
11/13/18 06:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.1	353
11/13/18 07:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.2	349
11/13/18 07:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.6	180
11/13/18 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.2	65
11/13/18 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.4	4
11/13/18 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.6	6
11/13/18 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.9	61
11/13/18 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.9	23
11/13/18 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.0	66
11/13/18 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.7	355
11/13/18 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.4	238
11/14/18 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.4	340

## Daily Processed Summary (Average, Maximum)

Average	#DIV/0!	#DIV/0!	#DIV/0!	BDL	BDL	BDL	BDL	BDL	BDL	BDL	14.8	341
Maximum Value	0	0	0.00	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected



# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/14/18 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.2	325
11/14/18 01:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.0	318
11/14/18 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.0	307
11/14/18 02:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.2	306
11/14/18 02:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.2	310
11/14/18 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.1	311
11/14/18 03:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.1	315
11/14/18 04:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.5	317
11/14/18 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.9	322
11/14/18 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.0	329
11/14/18 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.1	323
11/14/18 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.4	324
11/14/18 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.4	330
11/14/18 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.9	344
11/14/18 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.5	329
11/14/18 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.5	326
11/14/18 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.1	335
11/14/18 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.1	345
11/14/18 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.4	340
11/14/18 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.3	350
11/14/18 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.4	340
11/14/18 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.0	332
11/14/18 12:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.1	333
11/14/18 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.6	332
11/14/18 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.6	335
11/14/18 01:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.2	330
11/14/18 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.9	326
11/14/18 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.8	326
11/14/18 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.7	321
11/14/18 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.8	331
11/14/18 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.9	329
11/14/18 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.0	332
11/14/18 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.1	334
11/14/18 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.7	334
11/14/18 06:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.6	338
11/14/18 06:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.7	344
11/14/18 07:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.3	228
11/14/18 07:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	1.9	179
11/14/18 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	1.2	145
11/14/18 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	1.6	342
11/14/18 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	1.9	288
11/14/18 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	1.6	181
11/14/18 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.9	32
11/14/18 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.0	22
11/14/18 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.0	23
11/14/18 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.5	36
11/15/18 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.3	60
11/15/18 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.1	77

## Daily Processed Summary (Average, Maximum)

Average	#DIV/0!	#DIV/0!	#DIV/0!	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.8	332
Maximum Value	0	0	0.00	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	CGH6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/15/18 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.1	59
11/15/18 01:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.4	73
11/15/18 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.7	78
11/15/18 02:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.0	101
11/15/18 02:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.2	126
11/15/18 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	1.0	156
11/15/18 03:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	1.8	90
11/15/18 04:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.3	86
11/15/18 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.3	89
11/15/18 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.9	89
11/15/18 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.6	88
11/15/18 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.3	77
11/15/18 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.4	79
11/15/18 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.1	77
11/15/18 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.8	99
11/15/18 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.3	104
11/15/18 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.4	125
11/15/18 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.8	101
11/15/18 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.3	93
11/15/18 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.5	93
11/15/18 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.7	117
11/15/18 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.6	198
11/15/18 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.1	222
11/15/18 12:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.2	216
11/15/18 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.2	195
11/15/18 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.6	225
11/15/18 01:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.1	197
11/15/18 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.0	192
11/15/18 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.3	178
11/15/18 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.2	164
11/15/18 03:30 PM	5295	341	1.98	ND	ND	ND	ND	ND	ND	ND	7.3	172
11/15/18 04:00 PM	5325	341	1.96	ND	ND	ND	ND	ND	ND	ND	7.2	174
11/15/18 04:30 PM	5271	340	2.00	ND	ND	ND	ND	ND	ND	ND	6.8	169
11/15/18 05:00 PM	5883	337	1.97	ND	ND	ND	ND	ND	ND	ND	5.1	147
11/15/18 05:30 PM	6314	333	1.99	ND	ND	ND	ND	ND	ND	ND	4.3	139
11/15/18 06:00 PM	6213	329	2.03	ND	ND	ND	ND	ND	ND	ND	5.8	174
11/15/18 06:30 PM	6438	326	2.01	ND	ND	ND	ND	ND	ND	ND	6.8	176
11/15/18 07:00 PM	6167	324	2.01	ND	ND	ND	ND	ND	ND	ND	6.7	175
11/15/18 07:30 PM	6279	322	1.99	ND	ND	ND	ND	ND	ND	ND	6.8	175
11/15/18 08:00 PM	6417	323	2.01	ND	ND	ND	ND	ND	ND	ND	6.8	177
11/15/18 08:30 PM	6263	323	2.04	ND	ND	ND	ND	ND	ND	ND	5.8	177
11/15/18 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.9	176
11/15/18 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.2	177
11/15/18 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.6	183
11/15/18 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.3	180
11/15/18 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.2	183
11/15/18 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.1	187
11/16/18 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.6	197

Daily Processed Summary (Average, Maximum)

Average	5988	331	2.00	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.4	155
Maximum Value	6438	341	2.04	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	COH6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/16/18 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.1	195
11/16/18 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.0	227
11/16/18 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.9	221
11/16/18 02:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.6	266
11/16/18 02:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	1.8	247
11/16/18 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.3	270
11/16/18 03:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.3	296
11/16/18 04:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	1.6	218
11/16/18 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.9	165
11/16/18 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.8	125
11/16/18 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.1	17
11/16/18 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.4	31
11/16/18 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.8	23
11/16/18 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.0	25
11/16/18 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.0	29
11/16/18 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	1.9	83
11/16/18 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.0	346
11/16/18 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.5	322
11/16/18 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.5	312
11/16/18 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.3	307
11/16/18 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.9	303
11/16/18 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.2	280
11/16/18 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.9	250
11/16/18 12:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.1	236
11/16/18 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.2	196
11/16/18 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.7	204
11/16/18 01:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.1	202
11/16/18 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.7	174
11/16/18 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.3	186
11/16/18 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.8	184
11/16/18 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.2	185
11/16/18 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.7	168
11/16/18 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.7	139
11/16/18 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.9	127
11/16/18 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.1	115
11/16/18 06:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.7	125
11/16/18 06:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.3	115
11/16/18 07:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.2	117
11/16/18 07:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.4	119
11/16/18 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.9	113
11/16/18 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.9	109
11/16/18 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.6	100
11/16/18 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.5	100
11/16/18 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.6	104
11/16/18 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.4	108
11/16/18 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.8	133
11/16/18 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.5	104
11/17/18 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.3	101

Daily Processed Summary (Average, Maximum)

Average	#DIV/0!	#DIV/0!	#DIV/0!	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.6	155
Maximum Value	0	0	0.00	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VOL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/17/18 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.7	102
11/17/18 01:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.0	105
11/17/18 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.9	100
11/17/18 02:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.2	95
11/17/18 02:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.6	95
11/17/18 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.8	95
11/17/18 03:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.1	95
11/17/18 04:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.6	106
11/17/18 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.4	101
11/17/18 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.8	97
11/17/18 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.6	89
11/17/18 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.4	102
11/17/18 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.2	105
11/17/18 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	1.8	70
11/17/18 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	1.4	103
11/17/18 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.1	145
11/17/18 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	1.9	51
11/17/18 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	1.6	44
11/17/18 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.2	93
11/17/18 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.6	98
11/17/18 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.2	116
11/17/18 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.0	111
11/17/18 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.8	113
11/17/18 12:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.6	119
11/17/18 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.8	113
11/17/18 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.7	129
11/17/18 01:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.7	138
11/17/18 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.6	120
11/17/18 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.8	119
11/17/18 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.9	118
11/17/18 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.0	116
11/17/18 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.1	120
11/17/18 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.5	116
11/17/18 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.7	107
11/17/18 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.3	99
11/17/18 06:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.0	103
11/17/18 06:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.1	102
11/17/18 07:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.5	102
11/17/18 07:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.6	106
11/17/18 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.6	102
11/17/18 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.4	104
11/17/18 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.8	104
11/17/18 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.5	111
11/17/18 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.1	116
11/17/18 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.4	128
11/17/18 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.3	120
11/17/18 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.0	92
11/18/18 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.5	78

Daily Processed Summary (Average, Maximum)

Average	#DIV/0!	#DIV/0!	#DIV/0!	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.4	110
Maximum Value	0	0	0.00	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	CSH6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VOI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/18/18 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.1	94
11/18/18 01:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.4	97
11/18/18 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.4	64
11/18/18 02:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.2	102
11/18/18 02:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.9	98
11/18/18 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.4	139
11/18/18 04:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.0	45
11/18/18 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.7	79
11/18/18 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.1	63
11/18/18 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.3	76
11/18/18 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.8	53
11/18/18 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.2	71
11/18/18 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.9	76
11/18/18 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.7	78
11/18/18 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.1	137
11/18/18 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.8	57
11/18/18 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.3	154
11/18/18 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.2	164
11/18/18 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.5	106
11/18/18 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.5	127
11/18/18 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.7	124
11/18/18 12:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.7	120
11/18/18 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.6	142
11/18/18 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.4	344
11/18/18 01:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	16.3	63
11/18/18 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	17.7	5
11/18/18 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	16.8	7
11/18/18 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.6	64
11/18/18 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.3	4
11/18/18 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.3	5
11/18/18 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	15.6	7
11/18/18 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	16.4	7
11/18/18 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.9	12
11/18/18 06:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.1	14
11/18/18 06:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.5	8
11/18/18 07:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.1	10
11/18/18 07:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	15.1	11
11/18/18 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.3	10
11/18/18 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.7	6
11/18/18 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.3	14
11/18/18 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.9	10
11/18/18 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.9	9
11/18/18 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.1	10
11/18/18 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.7	10
11/18/18 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.1	129
11/19/18 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.3	66
11/19/18 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.5	16

Daily Processed Summary (Average, Maximum)

Average	#DIV/0!	#DIV/0!	#DIV/0!	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.9	33
Maximum Value	0	0	0.00	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VOI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/19/18 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.2	11
11/19/18 01:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.1	6
11/19/18 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.7	9
11/19/18 02:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.7	6
11/19/18 02:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.6	63
11/19/18 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.2	6
11/19/18 03:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.4	10
11/19/18 04:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.0	6
11/19/18 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.0	10
11/19/18 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.5	67
11/19/18 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.6	5
11/19/18 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.1	4
11/19/18 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.0	5
11/19/18 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.2	181
11/19/18 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.2	64
11/19/18 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.5	5
11/19/18 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.8	8
11/19/18 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.4	7
11/19/18 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.1	5
11/19/18 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.9	8
11/19/18 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.1	64
11/19/18 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.5	5
11/19/18 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.8	5
11/19/18 12:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.3	5
11/19/18 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.5	241
11/19/18 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.4	239
11/19/18 01:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.6	64
11/19/18 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.3	62
11/19/18 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.7	177
11/19/18 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.1	5
11/19/18 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.9	123
11/19/18 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.8	3
11/19/18 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.1	5
11/19/18 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.3	7
11/19/18 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.8	5
11/19/18 06:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.8	7
11/19/18 06:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.8	7
11/19/18 07:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.1	7
11/19/18 07:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.9	61
11/19/18 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.8	8
11/19/18 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.6	11
11/19/18 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.5	240
11/19/18 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.0	355
11/19/18 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.4	296
11/19/18 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.6	5
11/19/18 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.0	5
11/19/18 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.7	3
11/20/18 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.6	3

## Daily Processed Summary (Average, Maximum)

Average	#DIV/0!	#DIV/0!	#DIV/0!	BDL	BDL	BDL	BDL	BDL	BDL	BDL	9.0	13
Maximum Value	0	0	0.00	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/20/18 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.8	62
11/20/18 01:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.9	4
11/20/18 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.3	6
11/20/18 02:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.4	7
11/20/18 02:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.8	8
11/20/18 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.5	11
11/20/18 03:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.3	10
11/20/18 04:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.5	10
11/20/18 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.1	12
11/20/18 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.1	10
11/20/18 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.1	10
11/20/18 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.9	9
11/20/18 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.1	8
11/20/18 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.6	7
11/20/18 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.4	8
11/20/18 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.6	14
11/20/18 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.0	16
11/20/18 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.7	18
11/20/18 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	15.7	20
11/20/18 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	15.0	19
11/20/18 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.6	22
11/20/18 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.3	17
11/20/18 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	ND	17
11/20/18 12:00 PM	6564	328	1.98	ND	ND	ND	ND	ND	ND	ND	13.8	17
11/20/18 12:30 PM	6493	328	1.99	ND	ND	ND	ND	ND	ND	ND	13.7	16
11/20/18 01:00 PM	6357	328	1.99	ND	ND	ND	ND	ND	ND	ND	13.7	15
11/20/18 01:30 PM	6447	328	1.95	ND	ND	ND	ND	ND	ND	ND	12.2	18
11/20/18 02:00 PM	6394	329	1.96	ND	ND	ND	ND	ND	ND	ND	11.8	13
11/20/18 02:30 PM	6441	329	1.93	ND	ND	ND	ND	ND	ND	ND	11.7	6
11/20/18 03:00 PM	6372	328	1.93	ND	ND	ND	ND	ND	ND	ND	11.3	15
11/20/18 03:30 PM	6343	326	1.94	ND	ND	ND	ND	ND	ND	ND	10.8	18
11/20/18 04:00 PM	6316	324	2.00	ND	ND	ND	ND	ND	ND	ND	9.7	18
11/20/18 04:30 PM	6498	323	1.91	ND	ND	ND	ND	ND	ND	ND	9.7	64
11/20/18 05:00 PM	6843	321	1.93	ND	ND	ND	ND	ND	ND	ND	7.1	7
11/20/18 05:30 PM	7261	322	1.98	ND	ND	ND	ND	ND	ND	ND	4.2	10
11/20/18 06:00 PM	7189	321	2.01	ND	ND	ND	ND	ND	ND	ND	4.8	6
11/20/18 06:30 PM	7136	319	2.01	ND	ND	ND	ND	ND	ND	ND	5.6	5
11/20/18 07:00 PM	6955	318	2.01	ND	ND	ND	ND	ND	ND	ND	5.3	121
11/20/18 07:30 PM	6763	317	1.98	ND	ND	ND	ND	ND	ND	ND	5.5	14
11/20/18 08:00 PM	6845	316	2.25	ND	ND	ND	ND	ND	ND	ND	4.9	25
11/20/18 08:30 PM	6918	316	2.39	ND	ND	ND	ND	ND	ND	ND	5.7	21
11/20/18 09:00 PM	6918	315	2.41	ND	ND	ND	ND	ND	ND	ND	5.0	25
11/20/18 09:30 PM	6898	315	2.73	ND	ND	ND	ND	ND	ND	ND	4.6	21
11/20/18 10:00 PM	6906	315	3.63	ND	ND	ND	ND	ND	ND	ND	4.5	26
11/20/18 10:30 PM	6867	315	2.52	ND	ND	ND	ND	ND	ND	ND	4.5	27
11/20/18 11:00 PM	6875	315	2.19	ND	ND	ND	ND	ND	ND	ND	4.1	33
11/20/18 11:30 PM	6882	315	2.13	ND	ND	ND	ND	ND	ND	ND	4.0	37
11/21/18 12:00 AM	6852	315	2.12	ND	ND	ND	ND	ND	ND	ND	4.1	40

## Daily Processed Summary (Average, Maximum)

Average	6733	321	2.16	BDL	BDL	BDL	BDL	BDL	BDL	BDL	9.7	16
Maximum Value	7261	329	3.63	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/21/18 12:30 AM	6877	315	2.11	ND	ND	ND	ND	ND	ND	ND	5.5	41
11/21/18 01:00 AM	6859	315	2.10	ND	ND	ND	ND	ND	ND	ND	4.9	42
11/21/18 01:30 AM	6873	314	2.12	ND	ND	ND	ND	ND	ND	ND	5.0	52
11/21/18 02:00 AM	6855	313	2.14	ND	ND	ND	ND	ND	ND	ND	5.5	43
11/21/18 02:30 AM	6837	313	2.13	ND	ND	ND	ND	ND	ND	ND	6.3	41
11/21/18 03:00 AM	6890	312	2.11	ND	ND	ND	ND	ND	ND	ND	8.8	41
11/21/18 03:30 AM	7012	313	2.19	ND	ND	ND	ND	ND	ND	ND	6.8	66
11/21/18 04:00 AM	7010	314	2.18	ND	ND	ND	ND	ND	ND	ND	4.3	63
11/21/18 04:30 AM	6985	314	2.17	ND	ND	ND	ND	ND	ND	ND	3.8	40
11/21/18 05:00 AM	7025	315	2.23	ND	ND	ND	ND	ND	ND	ND	4.3	27
11/21/18 05:30 AM	7052	315	3.14	ND	ND	ND	ND	ND	ND	ND	8.3	28
11/21/18 06:00 AM	7203	314	2.21	ND	ND	ND	ND	ND	ND	ND	6.2	42
11/21/18 06:30 AM	7185	315	2.21	ND	ND	ND	ND	ND	ND	ND	5.6	22
11/21/18 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.0	17
11/21/18 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.1	32
11/21/18 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.6	39
11/21/18 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.8	38
11/21/18 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.4	40
11/21/18 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.2	45
11/21/18 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.5	44
11/21/18 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.6	49
11/21/18 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.4	40
11/21/18 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.0	36
11/21/18 12:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.6	27
11/21/18 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.8	26
11/21/18 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.6	23
11/21/18 01:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.2	22
11/21/18 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.3	25
11/21/18 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.5	21
11/21/18 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.8	29
11/21/18 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.0	30
11/21/18 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.6	38
11/21/18 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.7	33
11/21/18 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.9	22
11/21/18 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.0	23
11/21/18 06:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.7	23
11/21/18 06:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.2	56
11/21/18 07:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.6	25
11/21/18 07:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.6	29
11/21/18 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.2	33
11/21/18 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.0	72
11/21/18 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.5	22
11/21/18 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.2	24
11/21/18 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.9	19
11/21/18 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.7	30
11/21/18 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.6	31
11/21/18 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline		
11/21/18 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline		

## Daily Processed Summary (Average, Maximum)

Average	6974	314	2.23	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7.5	33
Maximum Value	7203	315	3.14	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected



# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	COH6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VC1_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/22/18 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.6	20
11/22/18 01:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.3	28
11/22/18 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.6	44
11/22/18 02:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.8	47
11/22/18 02:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.6	35
11/22/18 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.7	35
11/22/18 03:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.5	58
11/22/18 04:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.0	60
11/22/18 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.3	32
11/22/18 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.4	72
11/22/18 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.4	8
11/22/18 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.5	14
11/22/18 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.5	14
11/22/18 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.1	181
11/22/18 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.7	14
11/22/18 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.1	18
11/22/18 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.8	28
11/22/18 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.0	32
11/22/18 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.2	31
11/22/18 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.7	32
11/22/18 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.5	27
11/22/18 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.5	44
11/22/18 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.9	50
11/22/18 12:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.5	44
11/22/18 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.4	51
11/22/18 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.0	63
11/22/18 01:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.5	48
11/22/18 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.6	49
11/22/18 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.2	62
11/22/18 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.4	71
11/22/18 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.8	65
11/22/18 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.7	70
11/22/18 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.7	59
11/22/18 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.6	40
11/22/18 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.1	50
11/22/18 06:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.0	44
11/22/18 06:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	1.9	65
11/22/18 07:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.1	33
11/22/18 07:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.1	41
11/22/18 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.9	67
11/22/18 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.7	68
11/22/18 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.7	68
11/22/18 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.6	45
11/22/18 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.9	28
11/22/18 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.2	44
11/22/18 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.0	76
11/22/18 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.9	65
11/23/18 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.7	66

## Daily Processed Summary (Average, Maximum)

Average	#DIV/0!	#DIV/0!	#DIV/0!	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.2	44
Maximum Value	0	0	0.00	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/23/18 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.5	71
11/23/18 01:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.7	65
11/23/18 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.9	70
11/23/18 02:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.4	86
11/23/18 02:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.3	76
11/23/18 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.1	80
11/23/18 03:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.7	90
11/23/18 04:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.4	85
11/23/18 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.7	83
11/23/18 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.2	90
11/23/18 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.2	87
11/23/18 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.3	81
11/23/18 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.3	82
11/23/18 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.0	75
11/23/18 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.8	52
11/23/18 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.7	22
11/23/18 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.2	37
11/23/18 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.7	14
11/23/18 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.3	39
11/23/18 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.7	93
11/23/18 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	1.9	52
11/23/18 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	1.0	190
11/23/18 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.9	314
11/23/18 12:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.8	313
11/23/18 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.5	281
11/23/18 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.3	263
11/23/18 01:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.6	277
11/23/18 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.9	280
11/23/18 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.4	262
11/23/18 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.9	268
11/23/18 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.6	266
11/23/18 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.1	258
11/23/18 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.3	261
11/23/18 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.9	270
11/23/18 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.1	280
11/23/18 06:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.8	278
11/23/18 06:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.4	281
11/23/18 07:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.6	273
11/23/18 07:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.0	268
11/23/18 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.5	248
11/23/18 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.1	235
11/23/18 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.2	211
11/23/18 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.2	209
11/23/18 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.8	211
11/23/18 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.1	226
11/23/18 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.2	220
11/23/18 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.8	219
11/24/18 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.0	233

## Daily Processed Summary (Average, Maximum)

Average	#DIV/0!	#DIV/0!	#DIV/0!	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.5	297
Maximum Value	0	0	0.00	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/24/18 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.5	210
11/24/18 01:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.5	221
11/24/18 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.8	248
11/24/18 02:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.3	213
11/24/18 02:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	1.9	206
11/24/18 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.1	197
11/24/18 03:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.7	206
11/24/18 04:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.0	208
11/24/18 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.0	201
11/24/18 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.7	202
11/24/18 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.9	189
11/24/18 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	0.8	245
11/24/18 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	0.6	241
11/24/18 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	0.7	256
11/24/18 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.4	218
11/24/18 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.3	232
11/24/18 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	1.4	229
11/24/18 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	1.2	243
11/24/18 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	1.4	272
11/24/18 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	1.3	252
11/24/18 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	1.5	206
11/24/18 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	0.7	236
11/24/18 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	1.0	133
11/24/18 12:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	0.6	126
11/24/18 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	0.6	245
11/24/18 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	0.9	275
11/24/18 01:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	0.6	192
11/24/18 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	0.7	254
11/24/18 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	1.0	293
11/24/18 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	0.7	147
11/24/18 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.1	227
11/24/18 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	1.8	227
11/24/18 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.9	173
11/24/18 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.3	129
11/24/18 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.2	125
11/24/18 06:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.7	107
11/24/18 06:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.1	110
11/24/18 07:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.9	97
11/24/18 07:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.4	114
11/24/18 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.7	127
11/24/18 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.8	123
11/24/18 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.4	123
11/24/18 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.2	137
11/24/18 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.7	169
11/24/18 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.3	182
11/24/18 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.5	176
11/24/18 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.6	193
11/25/18 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.2	243

Daily Processed Summary (Average, Maximum)

Average	#DIV/0!	#DIV/0!	#DIV/0!	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.9	178
Maximum Value	0	0	0.00	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	COH6_AVE (ppm)	HCl_AVE (ppm)	CH4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/25/18 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	1.2	235
11/25/18 01:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	1.3	149
11/25/18 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.8	185
11/25/18 02:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.0	262
11/25/18 02:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.1	322
11/25/18 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	1.8	341
11/25/18 03:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	0.6	233
11/25/18 04:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	1.6	338
11/25/18 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	0.6	33
11/25/18 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	0.6	69
11/25/18 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	0.6	69
11/25/18 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	0.6	65
11/25/18 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	0.9	124
11/25/18 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.2	189
11/25/18 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.2	215
11/25/18 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	1.1	210
11/25/18 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.2	239
11/25/18 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.7	232
11/25/18 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.6	225
11/25/18 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.8	252
11/25/18 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.5	255
11/25/18 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.1	250
11/25/18 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.5	288
11/25/18 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.9	317
11/25/18 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.8	331
11/25/18 01:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.4	335
11/25/18 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.1	345
11/25/18 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	18.8	291
11/25/18 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	17.7	236
11/25/18 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	16.1	345
11/25/18 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	15.5	352
11/25/18 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	16.2	353
11/25/18 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	16.0	349
11/25/18 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.9	346
11/25/18 06:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.0	346
11/25/18 06:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.9	347
11/25/18 07:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.2	343
11/25/18 07:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.5	344
11/25/18 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.2	351
11/25/18 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.6	353
11/25/18 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	16.4	352
11/25/18 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	15.6	351
11/25/18 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.0	351
11/25/18 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	15.3	349
11/25/18 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	15.3	353
11/25/18 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.3	350
11/26/18 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	16.6	348

## Daily Processed Summary (Average, Maximum)

Average	#DIV/0!	#DIV/0!	#DIV/0!	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.7	333
Maximum Value	0	0	0.00	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	CH6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/26/18 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	17.1	346
11/26/18 01:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.0	347
11/26/18 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.7	344
11/26/18 02:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	17.2	347
11/26/18 02:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.8	343
11/26/18 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.5	340
11/26/18 03:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.3	341
11/26/18 04:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.9	342
11/26/18 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	16.0	343
11/26/18 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.8	342
11/26/18 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.2	341
11/26/18 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.4	344
11/26/18 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.4	345
11/26/18 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.0	349
11/26/18 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	15.2	351
11/26/18 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	16.2	349
11/26/18 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	15.4	345
11/26/18 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	16.4	352
11/26/18 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	17.6	347
11/26/18 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	15.8	341
11/26/18 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	15.8	340
11/26/18 11:00 AM	4789	326	1.91	ND	ND	ND	ND	ND	ND	ND	15.1	336
11/26/18 11:30 AM	4694	326	1.90	ND	ND	ND	ND	ND	ND	ND	14.5	338
11/26/18 12:00 PM	4563	327	1.90	ND	ND	ND	ND	ND	ND	ND	13.9	337
11/26/18 12:30 PM	4306	327	1.88	ND	ND	ND	ND	ND	ND	ND	15.2	350
11/26/18 01:00 PM	4295	326	1.88	ND	ND	ND	ND	ND	ND	ND	14.3	343
11/26/18 01:30 PM	4239	326	1.88	ND	ND	ND	ND	ND	ND	ND	11.1	240
11/26/18 02:00 PM	4501	326	1.89	ND	ND	ND	ND	ND	ND	ND	2.5	180
11/26/18 02:30 PM	4214	327	1.89	ND	ND	ND	ND	ND	ND	ND	5.9	122
11/26/18 03:00 PM	3956	326	1.88	ND	ND	ND	ND	ND	ND	ND	11.7	232
11/26/18 03:30 PM	3851	323	1.87	ND	ND	ND	ND	ND	ND	ND	14.4	350
11/26/18 04:00 PM	3872	322	1.86	ND	ND	ND	ND	ND	ND	ND	13.0	343
11/26/18 04:30 PM	3716	322	1.86	ND	ND	ND	ND	ND	ND	ND	10.4	347
11/26/18 05:00 PM	3853	322	1.86	ND	ND	ND	ND	ND	ND	ND	8.8	350
11/26/18 05:30 PM	3977	321	1.88	ND	ND	ND	ND	ND	ND	ND	7.4	352
11/26/18 06:00 PM	4279	319	1.91	ND	ND	ND	ND	ND	ND	ND	7.2	350
11/26/18 06:30 PM	4591	316	1.94	ND	ND	ND	ND	ND	ND	ND	6.4	299
11/26/18 07:00 PM	4706	315	1.95	ND	ND	ND	ND	ND	ND	ND	6.3	349
11/26/18 07:30 PM	4703	312	1.92	ND	ND	ND	ND	ND	ND	ND	5.9	346
11/26/18 08:00 PM	4982	312	1.96	ND	ND	ND	ND	ND	ND	ND	5.6	344
11/26/18 08:30 PM	4849	312	1.95	ND	ND	ND	ND	ND	ND	ND	5.6	348
11/26/18 09:00 PM	5007	312	1.98	ND	ND	ND	ND	ND	ND	ND	5.0	343
11/26/18 09:30 PM	4798	311	2.01	ND	ND	ND	ND	ND	ND	ND	6.6	350
11/26/18 10:00 PM	4406	310	1.98	ND	ND	ND	ND	ND	ND	ND	6.7	351
11/26/18 10:30 PM	4447	311	1.99	ND	ND	ND	ND	ND	ND	ND	5.7	350
11/26/18 11:00 PM	4768	311	2.02	ND	ND	ND	ND	ND	ND	ND	3.8	350
11/26/18 11:30 PM	4742	312	2.06	ND	ND	ND	ND	ND	ND	ND	2.8	345
11/27/18 12:00 AM	4701	312	2.19	ND	ND	ND	ND	ND	ND	ND	3.1	348

Daily Processed Summary (Average, Maximum)

Average	4437	319	1.93	BDL	BDL	BDL	BDL	BDL	BDL	BDL	10.2	342
Maximum Value	5007	327	2.19	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VOL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/27/18 12:30 AM	4805	312	2.25	ND	ND	ND	ND	ND	ND	ND	2.3	346
11/27/18 01:00 AM	4989	314	2.34	ND	ND	ND	ND	ND	ND	ND	3.8	344
11/27/18 01:30 AM	5256	314	2.31	ND	ND	ND	ND	ND	ND	ND	2.4	319
11/27/18 02:00 AM	5381	315	2.63	ND	ND	ND	ND	ND	ND	ND	3.1	338
11/27/18 02:30 AM	4881	314	2.34	ND	ND	ND	ND	ND	ND	ND	5.3	355
11/27/18 03:00 AM	4711	312	2.20	ND	ND	ND	ND	ND	ND	ND	5.0	9
11/27/18 03:30 AM	4639	312	4.12	ND	ND	ND	ND	ND	ND	ND	4.7	13
11/27/18 04:00 AM	4617	313	3.43	ND	ND	ND	ND	ND	ND	ND	3.8	14
11/27/18 04:30 AM	4524	312	2.56	ND	ND	ND	ND	ND	ND	ND	5.1	16
11/27/18 05:00 AM	4545	313	4.68	ND	ND	ND	ND	ND	ND	ND	4.1	19
11/27/18 05:30 AM	4539	313	2.74	ND	ND	ND	ND	ND	ND	ND	4.0	18
11/27/18 06:00 AM	4608	312	2.71	ND	ND	ND	ND	ND	ND	ND	4.4	16
11/27/18 06:30 AM	4605	312	3.50	ND	ND	ND	ND	ND	ND	ND	3.6	16
11/27/18 07:00 AM	4613	313	2.94	ND	ND	ND	ND	ND	ND	ND	3.7	122
11/27/18 07:30 AM	4521	317	2.84	ND	ND	ND	ND	ND	ND	ND	3.6	4
11/27/18 08:00 AM	4625	319	2.66	ND	ND	ND	ND	ND	ND	ND	3.5	4
11/27/18 08:30 AM	4829	320	2.38	ND	ND	ND	ND	ND	ND	ND	4.7	15
11/27/18 09:00 AM	4996	323	2.75	ND	ND	ND	ND	ND	ND	ND	5.8	26
11/27/18 09:30 AM	5047	326	2.28	ND	ND	ND	ND	ND	ND	ND	5.5	51
11/27/18 10:00 AM	4832	329	2.10	ND	ND	ND	ND	ND	ND	ND	6.1	61
11/27/18 10:30 AM	4480	330	2.00	ND	ND	ND	ND	ND	ND	ND	5.2	92
11/27/18 11:00 AM	4177	330	1.96	ND	ND	ND	ND	ND	ND	ND	5.4	124
11/27/18 11:30 AM	3977	330	1.94	ND	ND	ND	ND	ND	ND	ND	5.0	116
11/27/18 12:00 PM	4701	330	1.96	ND	ND	ND	ND	ND	ND	ND	4.5	181
11/27/18 12:30 PM	5766	329	1.99	ND	ND	ND	ND	ND	ND	ND	6.5	259
11/27/18 01:00 PM	5621	329	1.96	ND	ND	ND	ND	ND	ND	ND	4.3	243
11/27/18 01:30 PM	4859	330	1.94	ND	ND	ND	ND	ND	ND	ND	4.2	104
11/27/18 02:00 PM	4482	330	1.92	ND	ND	ND	ND	ND	ND	ND	4.9	115
11/27/18 02:30 PM	4417	330	1.89	ND	ND	ND	ND	ND	ND	ND	6.3	148
11/27/18 03:00 PM	3787	328	1.86	ND	ND	ND	ND	ND	ND	ND	8.8	174
11/27/18 03:30 PM	4645	328	1.90	ND	ND	ND	ND	ND	ND	ND	7.8	171
11/27/18 04:00 PM	5649	326	1.91	ND	ND	ND	ND	ND	ND	ND	8.1	158
11/27/18 04:30 PM	5560	322	1.89	ND	ND	ND	ND	ND	ND	ND	6.7	130
11/27/18 05:00 PM	6068	320	1.89	ND	ND	ND	ND	ND	ND	ND	6.9	127
11/27/18 05:30 PM	7464	317	1.94	ND	ND	ND	ND	ND	ND	ND	5.8	139
11/27/18 06:00 PM	8011	314	1.95	ND	ND	ND	ND	ND	ND	ND	5.8	127
11/27/18 06:30 PM	7880	312	1.92	ND	ND	ND	ND	ND	ND	ND	5.3	126
11/27/18 07:00 PM	7989	311	1.93	ND	ND	ND	ND	ND	ND	ND	3.2	142
11/27/18 07:30 PM	7757	311	1.94	ND	ND	ND	ND	ND	ND	ND	2.5	141
11/27/18 08:00 PM	7700	312	1.96	ND	ND	ND	ND	ND	ND	ND	2.3	109
11/27/18 08:30 PM	7883	312	2.01	ND	ND	ND	ND	ND	ND	ND	2.1	125
11/27/18 09:00 PM	8073	312	2.23	ND	ND	ND	ND	ND	ND	ND	3.0	107
11/27/18 09:30 PM	8350	311	2.31	ND	ND	ND	ND	ND	ND	ND	2.8	95
11/27/18 10:00 PM	8352	310	2.24	ND	ND	ND	ND	ND	ND	ND	2.9	100
11/27/18 10:30 PM	8143	313	2.40	ND	ND	ND	ND	ND	ND	ND	2.7	97
11/27/18 11:00 PM	7993	315	2.29	ND	ND	ND	ND	ND	ND	ND	1.5	96
11/27/18 11:30 PM	7977	317	2.40	ND	ND	ND	ND	ND	ND	ND	1.3	136
11/28/18 12:00 AM	8245	316	2.43	ND	ND	ND	ND	ND	ND	ND	1.7	180

## Daily Processed Summary (Average, Maximum)

Average	5741	319	2.35	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.8	94
Maximum Value	8352	330	4.68	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCl_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/28/18 12:30 AM	8365	317	2.58	ND	ND	ND	ND	ND	ND	ND	2.4	205
11/28/18 01:00 AM	8701	314	2.41	ND	ND	ND	ND	ND	ND	ND	3.1	211
11/28/18 01:30 AM	8576	318	2.63	ND	ND	ND	ND	ND	ND	ND	2.7	233
11/28/18 02:00 AM	8668	316	2.41	ND	ND	ND	ND	ND	ND	ND	2.7	205
11/28/18 02:30 AM	8969	317	2.48	ND	ND	ND	ND	ND	ND	ND	3.6	194
11/28/18 03:00 AM	8852	318	2.47	ND	ND	ND	ND	ND	ND	ND	2.2	235
11/28/18 03:30 AM	8950	315	2.38	ND	ND	ND	ND	ND	ND	ND	1.5	58
11/28/18 04:00 AM	8986	315	2.61	ND	ND	ND	ND	ND	ND	ND	2.5	90
11/28/18 04:30 AM	8959	317	2.51	ND	ND	ND	ND	ND	ND	ND	2.5	86
11/28/18 05:00 AM	9050	317	2.71	ND	ND	ND	ND	ND	ND	ND	2.1	126
11/28/18 05:30 AM	9320	316	2.70	ND	ND	ND	ND	ND	ND	ND	2.2	247
11/28/18 06:00 AM	9631	313	2.53	ND	ND	ND	ND	ND	ND	ND	2.0	167
11/28/18 06:30 AM	9775	315	2.48	ND	ND	ND	ND	ND	ND	ND	2.6	194
11/28/18 07:00 AM	10094	313	2.50	ND	ND	ND	ND	ND	ND	ND	3.2	255
11/28/18 07:30 AM	10075	316	2.68	ND	ND	ND	ND	ND	ND	ND	1.4	93
11/28/18 08:00 AM	10176	318	2.73	ND	ND	ND	ND	ND	ND	ND	1.2	99
11/28/18 08:30 AM	10571	318	2.70	ND	ND	ND	ND	ND	ND	ND	1.2	190
11/28/18 09:00 AM	10962	315	2.45	ND	ND	ND	ND	ND	ND	ND	1.2	176
11/28/18 09:30 AM	11653	313	2.26	ND	ND	ND	ND	ND	ND	ND	1.2	270
11/28/18 10:00 AM	11912	312	2.07	ND	ND	ND	ND	ND	ND	ND	2.9	249
11/28/18 10:30 AM	11819	315	2.31	ND	ND	ND	ND	ND	ND	ND	3.6	288
11/28/18 11:00 AM	11661	314	1.96	ND	ND	ND	ND	ND	ND	ND	3.1	198
11/28/18 11:30 AM	11615	316	1.92	ND	ND	ND	ND	ND	ND	ND	5.7	186
11/28/18 12:00 PM	11514	315	1.92	ND	ND	ND	ND	ND	ND	ND	5.1	203
11/28/18 12:30 PM	11809	315	1.94	ND	ND	ND	ND	ND	ND	ND	5.4	190
11/28/18 01:00 PM	12131	314	1.95	ND	ND	ND	ND	ND	ND	ND	5.4	186
11/28/18 01:30 PM	12122	313	1.94	ND	ND	ND	ND	ND	ND	ND	6.4	199
11/28/18 02:00 PM	12170	313	1.94	ND	ND	ND	ND	ND	ND	ND	6.0	190
11/28/18 02:30 PM	12192	313	1.93	ND	ND	ND	ND	ND	ND	ND	8.5	170
11/28/18 03:00 PM	12281	311	1.92	ND	ND	ND	ND	ND	ND	ND	8.1	174
11/28/18 03:30 PM	12480	311	1.92	ND	ND	ND	ND	ND	ND	ND	8.8	172
11/28/18 04:00 PM	12630	310	1.93	ND	ND	ND	ND	ND	ND	ND	7.8	174
11/28/18 04:30 PM	12742	309	1.93	ND	ND	ND	ND	ND	ND	ND	6.7	174
11/28/18 05:00 PM	12741	309	1.91	ND	ND	ND	ND	ND	ND	ND	7.2	174
11/28/18 05:30 PM	12969	308	1.92	ND	ND	ND	ND	ND	ND	ND	7.9	174
11/28/18 06:00 PM	13383	309	1.95	ND	ND	ND	ND	ND	ND	ND	9.0	170
11/28/18 06:30 PM	13447	307	1.98	ND	ND	ND	ND	ND	ND	ND	10.1	174
11/28/18 07:00 PM	13611	306	1.95	ND	ND	ND	ND	ND	ND	ND	11.1	174
11/28/18 07:30 PM	13761	306	1.91	ND	ND	ND	ND	ND	ND	ND	10.5	176
11/28/18 08:00 PM	13882	306	1.92	ND	ND	ND	ND	ND	ND	ND	9.7	177
11/28/18 08:30 PM	13883	305	1.95	ND	ND	ND	ND	ND	ND	ND	8.1	176
11/28/18 09:00 PM	13867	304	1.91	ND	ND	ND	ND	ND	ND	ND	7.6	178
11/28/18 09:30 PM	13970	305	1.94	ND	ND	ND	ND	ND	ND	ND	6.7	179
11/28/18 10:00 PM	14106	304	1.93	ND	ND	ND	ND	ND	ND	ND	7.1	177
11/28/18 10:30 PM	14282	303	1.92	ND	ND	ND	ND	ND	ND	ND	7.5	183
11/28/18 11:00 PM	14350	303	1.91	ND	ND	ND	ND	ND	ND	ND	5.4	197
11/28/18 11:30 PM	14312	303	1.91	ND	ND	ND	ND	ND	ND	ND	3.5	207
11/29/18 12:00 AM	14286	304	1.91	ND	ND	ND	ND	ND	ND	ND	3.5	218

## Daily Processed Summary (Average, Maximum)

Average	11589	312	2.18	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.4	183
Maximum Value	14350	318	2.73	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCl_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	W5PD (mph)	WDIR (deg)
11/29/18 12:30 AM	14295	304	1.92	ND	ND	ND	ND	ND	ND	ND	3.3	222
11/29/18 01:00 AM	14326	305	1.94	ND	ND	ND	ND	ND	ND	ND	3.6	185
11/29/18 01:30 AM	14441	304	1.93	ND	ND	ND	ND	ND	ND	ND	4.2	185
11/29/18 02:00 AM	14610	303	1.92	ND	ND	ND	ND	ND	ND	ND	4.4	186
11/29/18 02:30 AM	14543	304	1.91	ND	ND	ND	ND	ND	ND	ND	2.7	212
11/29/18 03:00 AM	14482	304	1.95	ND	ND	ND	ND	ND	ND	ND	2.7	184
11/29/18 03:30 AM	14409	305	1.95	ND	ND	ND	ND	ND	ND	ND	3.9	168
11/29/18 04:00 AM	14476	304	1.95	ND	ND	ND	ND	ND	ND	ND	4.4	188
11/29/18 04:30 AM	14631	302	1.94	ND	ND	ND	ND	ND	ND	ND	5.7	180
11/29/18 05:00 AM	14879	301	1.96	ND	ND	ND	ND	ND	ND	ND	5.8	177
11/29/18 05:30 AM	15103	301	1.95	ND	ND	ND	ND	ND	ND	ND	6.7	181
11/29/18 06:00 AM	15301	302	1.94	ND	ND	ND	ND	ND	ND	ND	8.3	178
11/29/18 06:30 AM	15228	303	1.94	ND	ND	ND	ND	ND	ND	ND	7.4	176
11/29/18 07:00 AM	15356	302	1.94	ND	ND	ND	ND	ND	ND	ND	7.3	179
11/29/18 07:30 AM	15520	302	1.95	ND	ND	ND	ND	ND	ND	ND	6.3	181
11/29/18 08:00 AM	15650	304	1.96	ND	ND	ND	ND	ND	ND	ND	4.9	181
11/29/18 08:30 AM	15882	305	1.95	ND	ND	ND	ND	ND	ND	ND	6.9	177
11/29/18 09:00 AM	16309	306	1.97	ND	ND	ND	ND	ND	ND	ND	8.4	180
11/29/18 09:30 AM	16581	306	1.96	ND	ND	ND	ND	ND	ND	ND	8.1	188
11/29/18 10:00 AM	16623	307	1.97	ND	ND	ND	ND	ND	ND	ND	7.5	192
11/29/18 10:30 AM	16751	308	1.98	ND	ND	ND	ND	ND	ND	ND	6.8	195
11/29/18 11:00 AM	17077	302	1.98	ND	ND	ND	ND	ND	ND	ND	7.0	193
11/29/18 11:30 AM	17401	303	2.01	ND	ND	ND	ND	ND	ND	ND	5.4	182
11/29/18 12:00 PM	17598	301	1.98	ND	ND	ND	ND	ND	ND	ND	6.9	183
11/29/18 12:30 PM	17295	298	1.95	ND	ND	ND	ND	ND	ND	ND	6.5	192
11/29/18 01:00 PM	9000	153	1.02	ND	ND	ND	ND	ND	ND	ND	7.6	180
11/29/18 01:30 PM	696	12	0.08	ND	ND	ND	ND	ND	ND	ND	9.0	182
11/29/18 02:00 PM	691	12	0.08	ND	ND	ND	ND	ND	ND	ND	9.7	176
11/29/18 02:30 PM	690	12	0.08	ND	ND	ND	ND	ND	ND	ND	10.5	173
11/29/18 03:00 PM	3516	61	0.40	ND	ND	ND	ND	ND	ND	ND	8.9	175
11/29/18 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.1	171
11/29/18 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.3	177
11/29/18 04:30 PM	17237	303	1.97	ND	ND	ND	ND	ND	ND	ND	6.8	183
11/29/18 05:00 PM	17213	304	1.98	ND	ND	ND	ND	ND	ND	ND	5.8	185
11/29/18 05:30 PM	17072	304	1.99	ND	ND	ND	ND	ND	ND	ND	6.5	175
11/29/18 06:00 PM	16931	301	1.98	ND	ND	ND	ND	ND	ND	ND	8.1	175
11/29/18 06:30 PM	17114	300	2.01	ND	ND	ND	ND	ND	ND	ND	7.1	167
11/29/18 07:00 PM	17196	303	2.01	ND	ND	ND	ND	ND	ND	ND	6.4	176
11/29/18 07:30 PM	16913	302	1.98	ND	ND	ND	ND	ND	ND	ND	8.5	178
11/29/18 08:00 PM	16889	301	1.99	ND	ND	ND	ND	ND	ND	ND	7.0	177
11/29/18 08:30 PM	16846	300	1.98	ND	ND	ND	ND	ND	ND	ND	7.3	185
11/29/18 09:00 PM	16729	298	1.99	ND	ND	ND	ND	ND	ND	ND	4.8	182
11/29/18 09:30 PM	16600	291	1.97	ND	ND	ND	ND	ND	ND	ND	5.2	183
11/29/18 10:00 PM	16501	287	1.95	ND	ND	ND	ND	ND	ND	ND	3.2	245
11/29/18 10:30 PM	15102	247	1.83	ND	ND	ND	ND	ND	ND	ND	2.9	312
11/29/18 11:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	1.0	44
11/29/18 11:30 PM	13693	191	1.91	ND	ND	ND	ND	ND	ND	ND	2.5	155
11/30/18 12:00 AM	15056	221	2.03	ND	ND	ND	ND	ND	ND	ND		

## Daily Processed Summary (Average, Maximum)

Average	14454	269	1.78	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.0	182
Maximum Value	17598	308	2.03	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected



Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCl_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/30/18 12:30 AM	15880	228	1.88	ND	ND	ND	ND	ND	ND	ND	4.0	187
11/30/18 01:00 AM	16370	256	1.95	ND	ND	ND	ND	ND	ND	ND	3.7	176
11/30/18 01:30 AM	16426	279	1.96	ND	ND	ND	ND	ND	ND	ND	5.0	183
11/30/18 02:00 AM	16270	285	1.97	ND	ND	ND	ND	ND	ND	ND	5.2	177
11/30/18 02:30 AM	16296	288	1.94	ND	ND	ND	ND	ND	ND	ND	6.6	179
11/30/18 03:00 AM	16238	292	1.95	ND	ND	ND	ND	ND	ND	ND	6.0	181
11/30/18 03:30 AM	16138	290	1.95	ND	ND	ND	ND	ND	ND	ND	5.9	175
11/30/18 04:00 AM	16026	288	1.92	ND	ND	ND	ND	ND	ND	ND	6.1	177
11/30/18 04:30 AM	16193	282	1.92	ND	ND	ND	ND	ND	ND	ND	7.7	178
11/30/18 05:00 AM	16290	281	1.93	ND	ND	ND	ND	ND	ND	ND	7.6	179
11/30/18 05:30 AM	16232	285	1.94	ND	ND	ND	ND	ND	ND	ND	6.7	165
11/30/18 06:00 AM	16300	289	1.96	ND	ND	ND	ND	ND	ND	ND	3.8	113
11/30/18 06:30 AM	15773	304	2.03	ND	ND	ND	ND	ND	ND	ND	4.7	94
11/30/18 07:00 AM	14755	296	2.22	ND	ND	ND	ND	ND	ND	ND	5.4	92
11/30/18 07:30 AM	13100	217	2.04	ND	ND	ND	ND	ND	ND	ND	6.1	96
11/30/18 08:00 AM	13941	251	2.01	ND	ND	ND	ND	ND	ND	ND	6.6	114
11/30/18 08:30 AM	16128	310	1.99	ND	ND	ND	ND	ND	ND	ND	7.8	123
11/30/18 09:00 AM	17375	315	1.98	ND	ND	ND	ND	ND	ND	ND	9.7	126
11/30/18 09:30 AM	18348	317	1.99	ND	ND	ND	ND	ND	ND	ND	11.9	137
11/30/18 10:00 AM	18351	320	2.00	ND	ND	ND	ND	ND	ND	ND	15.5	141
11/30/18 10:30 AM	18379	323	2.01	ND	ND	ND	ND	ND	ND	ND	16.7	143
11/30/18 11:00 AM	18243	324	2.01	ND	ND	ND	ND	ND	ND	ND	17.3	141
11/30/18 11:30 AM	18285	322	2.00	ND	ND	ND	ND	ND	ND	ND	17.6	145
11/30/18 12:00 PM	18799	322	2.02	ND	ND	ND	ND	ND	ND	ND	16.7	155
11/30/18 12:30 PM	19474	324	2.04	ND	ND	ND	ND	ND	ND	ND	14.4	152
11/30/18 01:00 PM	19825	328	2.05	ND	ND	ND	ND	ND	ND	ND	13.6	153
11/30/18 01:30 PM	20030	328	2.06	ND	ND	ND	ND	ND	ND	ND	15.2	157
11/30/18 02:00 PM	19767	322	2.04	ND	ND	ND	ND	ND	ND	ND	13.7	164
11/30/18 02:30 PM	19612	320	2.02	ND	ND	ND	ND	ND	ND	ND	12.0	164
11/30/18 03:00 PM	19454	317	2.02	ND	ND	ND	ND	ND	ND	ND	11.4	165
11/30/18 03:30 PM	19491	316	2.02	ND	ND	ND	ND	ND	ND	ND	12.6	151
11/30/18 04:00 PM	19567	314	2.03	ND	ND	ND	ND	ND	ND	ND	12.7	142
11/30/18 04:30 PM	19532	313	2.03	ND	ND	ND	ND	ND	ND	ND	12.5	140
11/30/18 05:00 PM	19752	315	2.02	ND	ND	ND	ND	ND	ND	ND	12.8	140
11/30/18 05:30 PM	19771	312	2.01	ND	ND	ND	ND	ND	ND	ND	13.5	140
11/30/18 06:00 PM	19576	306	2.00	ND	ND	ND	ND	ND	ND	ND	10.9	149
11/30/18 06:30 PM	19376	301	1.99	ND	ND	ND	ND	ND	ND	ND	11.9	162
11/30/18 07:00 PM	19330	289	1.97	ND	ND	ND	ND	ND	ND	ND	13.1	162
11/30/18 07:30 PM	19533	293	1.99	ND	ND	ND	ND	ND	ND	ND	12.5	155
11/30/18 08:00 PM	19457	291	1.98	ND	ND	ND	ND	ND	ND	ND	14.0	165
11/30/18 08:30 PM	19400	299	2.00	ND	ND	ND	ND	ND	ND	ND	14.4	169
11/30/18 09:00 PM	19243	300	1.99	ND	ND	ND	ND	ND	ND	ND	12.7	173
11/30/18 09:30 PM	19080	283	1.97	ND	ND	ND	ND	ND	ND	ND	10.5	178
11/30/18 10:00 PM	19499	286	1.97	ND	ND	ND	ND	ND	ND	ND	11.8	173
11/30/18 10:30 PM	19247	286	1.97	ND	ND	ND	ND	ND	ND	ND	12.3	174
11/30/18 11:00 PM	19301	288	1.97	ND	ND	ND	ND	ND	ND	ND		
11/30/18 11:30 PM	19224	294	1.99	ND	ND	ND	ND	ND	ND	ND		
12/01/18 12:00 AM	19342	293	2.00	ND	ND	ND	ND	ND	ND	ND		

Daily Processed Summary (Average, Maximum)

Average	18000	298	1.99	BDL	BDL	BDL	BDL	BDL	BDL	BDL	10.1	154
Maximum Value	20030	328	2.22	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected



**Formosa Plastics Corporation  
North AAMS Site  
Validated Exceedances of 30-Minute Block Averaged Trigger Levels  
December 2018**

<u>Day</u>	<u>Period</u>	<u>Compound</u>	30-Min Avg. Concentration (ppb)	Trigger Level (ppb)	Wind Speed (mph)	Wind Direction (degrees)
			NONE			

**Formosa Plastics Corporation  
North AAMS Site  
Validated Exceedances of 30-Minute Running Averaged Trigger Levels  
December 2018**

<u>Day</u>	<u>Period</u>	<u>Compound</u>	30-Minute Max Avg. Concentration (ppb)	Trigger Level (ppb)	Max Wind Speed (mph)	Max Wind Direction (degrees)
			NONE			

# Open Path FTIR Daily (24-hour) Averages

Site: Formosa North AAMS

Timestamp	Capture (%)	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/1/2018	100	11803	312	1.79	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.6	263
12/2/2018	0											3.7	9
12/3/2018	56	6659	318	1.93	BDL	BDL	BDL	BDL	BDL	BDL	BDL	10.0	26
12/4/2018	94	5946	315	2.23	BDL	BDL	BDL	BDL	BDL	BDL	BDL	8.7	21
12/5/2018	98	6431	315	2.10	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.8	63
12/6/2018	92	13756	306	1.86	BDL	BDL	BDL	BDL	BDL	BDL	BDL	8.5	124
12/7/2018	0											3.9	115
12/8/2018	0											14.6	334
12/9/2018	0											10.5	343
12/10/2018	0											2.9	324
12/11/2018	0											4.4	120
12/12/2018	96	14633	332	1.88	BDL	BDL	BDL	BDL	BDL	BDL	BDL	10.7	160
12/13/2018	100	12206	333	1.99	BDL	BDL	BDL	BDL	BDL	BDL	BDL	9.8	260
12/14/2018	100	6885	350	2.14	BDL	BDL	BDL	BDL	BDL	BDL	BDL	15.2	300
12/15/2018	100	6391	357	2.32	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7.9	309
12/16/2018	100	7190	359	2.61	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.6	87
12/17/2018	100	11898	350	2.70	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.2	137
12/18/2018	58	12831	289	2.04	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.3	81
12/19/2018	48	13824	301	2.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.9	28
12/20/2018	27	5969	407	0.13	BDL	BDL	BDL	BDL	BDL	BDL	BDL	13.6	316
12/21/2018	100	6261	401	0.14	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.8	265
12/22/2018	100	13646	372	2.07	BDL	BDL	BDL	BDL	BDL	BDL	BDL	10.0	191
12/23/2018	81	10206	355	2.30	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.8	15
12/24/2018	100	12837	372	0.17	BDL	BDL	BDL	BDL	BDL	0.00006	BDL	5.9	105
12/25/2018	100	17118	416	1.33	BDL	BDL	BDL	BDL	BDL	BDL	BDL	9.2	135
12/26/2018	83	0	18648	330.53	BDL	BDL	BDL	BDL	BDL	BDL	BDL	14.3	135
12/27/2018	100	0	14171	353.52	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.3	152
12/28/2018	100	8767	381	2.39	BDL	BDL	BDL	BDL	BDL	BDL	BDL	11.7	19
12/29/2018	100	7620	381	2.28	BDL	BDL	BDL	BDL	BDL	BDL	BDL	10.3	21
12/30/2018	100	8566	364	2.27	BDL	BDL	BDL	0.00009	BDL	BDL	BDL	3.5	345
12/31/2018	98	9415	328	2.31	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.2	280

## Daily Processed Summary (Average, Maximum)

Average	72	9234	1633	29.08	BDL	BDL	BDL	0.00000	BDL	0.00000	BDL	1.7	11
Maximum Value	100	17118	18648	353.52	BDL	BDL	BDL	0.00009	BDL	0.00006	BDL		

BDL = Below Detection Limit

Blank = Not Available

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/01/18 12:30 AM	20011	293	1.72	ND	ND	ND	ND	ND	ND	ND	10.9	178
12/01/18 01:00 AM	20026	295	1.71	ND	ND	ND	ND	ND	ND	ND	12.6	186
12/01/18 01:30 AM	19746	299	1.72	ND	ND	ND	ND	ND	ND	ND	11.4	195
12/01/18 02:00 AM	19345	299	1.72	ND	ND	ND	ND	ND	ND	ND	10.0	201
12/01/18 02:30 AM	19171	298	1.73	ND	ND	ND	ND	ND	ND	ND	8.4	209
12/01/18 03:00 AM	18996	296	1.73	ND	ND	ND	ND	ND	ND	ND	8.4	263
12/01/18 03:30 AM	18386	302	1.74	ND	ND	ND	ND	ND	ND	ND	9.2	261
12/01/18 04:00 AM	18120	304	1.76	ND	ND	ND	ND	ND	ND	ND	7.5	271
12/01/18 04:30 AM	18024	304	1.78	ND	ND	ND	ND	ND	ND	ND	5.5	252
12/01/18 05:00 AM	17641	302	1.80	ND	ND	ND	ND	ND	ND	ND	6.4	274
12/01/18 05:30 AM	17347	304	1.82	ND	ND	ND	ND	ND	ND	ND	5.1	303
12/01/18 06:00 AM	17323	304	1.87	ND	ND	ND	ND	ND	ND	ND	5.6	327
12/01/18 06:30 AM	17055	308	1.84	ND	ND	ND	ND	ND	ND	ND	5.9	290
12/01/18 07:00 AM	16676	310	1.86	ND	ND	ND	ND	ND	ND	ND	5.4	5
12/01/18 07:30 AM	14535	313	1.93	ND	ND	ND	ND	ND	ND	ND	5.1	238
12/01/18 08:00 AM	14542	314	1.95	ND	ND	ND	ND	ND	ND	ND	4.6	296
12/01/18 08:30 AM	12337	314	1.81	ND	ND	ND	ND	ND	ND	ND	7.2	350
12/01/18 09:00 AM	10431	316	1.79	ND	ND	ND	ND	ND	ND	ND	6.9	345
12/01/18 09:30 AM	10653	316	1.83	ND	ND	ND	ND	ND	ND	ND	6.0	323
12/01/18 10:00 AM	8983	319	2.04	ND	ND	ND	ND	ND	ND	ND	8.3	318
12/01/18 10:30 AM	7240	322	1.77	ND	ND	ND	ND	ND	ND	ND	11.3	315
12/01/18 11:00 AM	6782	322	1.76	ND	ND	ND	ND	ND	ND	ND	12.6	315
12/01/18 11:30 AM	6839	323	1.78	ND	ND	ND	ND	ND	ND	ND	12.0	321
12/01/18 12:00 PM	6773	323	1.80	ND	ND	ND	ND	ND	ND	ND	10.7	321
12/01/18 12:30 PM	6415	323	1.76	ND	ND	ND	ND	ND	ND	ND	13.1	314
12/01/18 01:00 PM	6566	322	1.74	ND	ND	ND	ND	ND	ND	ND	11.9	307
12/01/18 01:30 PM	6278	322	1.73	ND	ND	ND	ND	ND	ND	ND	12.0	304
12/01/18 02:00 PM	6395	322	1.73	ND	ND	ND	ND	ND	ND	ND	11.5	300
12/01/18 02:30 PM	6144	322	1.73	ND	ND	ND	ND	ND	ND	ND	10.0	298
12/01/18 03:00 PM	6092	322	1.73	ND	ND	ND	ND	ND	ND	ND	9.7	283
12/01/18 03:30 PM	6379	322	1.73	ND	ND	ND	ND	ND	ND	ND	8.5	277
12/01/18 04:00 PM	6690	321	1.73	ND	ND	ND	ND	ND	ND	ND	7.5	272
12/01/18 04:30 PM	7474	319	1.73	ND	ND	ND	ND	ND	ND	ND	5.6	258
12/01/18 05:00 PM	7978	319	1.75	ND	ND	ND	ND	ND	ND	ND	5.5	268
12/01/18 05:30 PM	7155	317	1.73	ND	ND	ND	ND	ND	ND	ND	4.9	241
12/01/18 06:00 PM	7883	316	1.78	ND	ND	ND	ND	ND	ND	ND	4.9	228
12/01/18 06:30 PM	8053	316	1.78	ND	ND	ND	ND	ND	ND	ND	5.7	204
12/01/18 07:00 PM	8176	316	1.81	ND	ND	ND	ND	ND	ND	ND	5.1	195
12/01/18 07:30 PM	11124	314	1.87	ND	ND	ND	ND	ND	ND	ND	6.6	179
12/01/18 08:00 PM	11474	311	1.84	ND	ND	ND	ND	ND	ND	ND	7.4	191
12/01/18 08:30 PM	11434	312	1.83	ND	ND	ND	ND	ND	ND	ND	7.3	189
12/01/18 09:00 PM	10809	312	1.82	ND	ND	ND	ND	ND	ND	ND	7.2	189
12/01/18 09:30 PM	10456	312	1.80	ND	ND	ND	ND	ND	ND	ND	6.9	189
12/01/18 10:00 PM	10736	312	1.81	ND	ND	ND	ND	ND	ND	ND	6.9	193
12/01/18 10:30 PM	11122	312	1.82	ND	ND	ND	ND	ND	ND	ND	7.4	194
12/01/18 11:00 PM	11230	312	1.83	ND	ND	ND	ND	ND	ND	ND	6.7	197
12/01/18 11:30 PM	11653	311	1.83	ND	ND	ND	ND	ND	ND	ND	6.1	190
12/02/18 12:00 AM	11840	310	1.82	ND	ND	ND	ND	ND	ND	ND	5.6	191

## Daily Processed Summary (Average, Maximum)

Average	11803	312	1.79	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.6	263
Maximum Value	20026	323	2.04	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/02/18 12:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.7	187
12/02/18 01:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.7	196
12/02/18 01:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.5	206
12/02/18 02:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.4	206
12/02/18 02:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.4	220
12/02/18 03:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.3	248
12/02/18 03:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.4	267
12/02/18 04:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.4	288
12/02/18 04:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.4	286
12/02/18 05:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.5	308
12/02/18 05:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.7	288
12/02/18 06:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.0	281
12/02/18 06:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.2	311
12/02/18 07:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.0	316
12/02/18 07:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.0	326
12/02/18 08:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.0	324
12/02/18 08:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.4	324
12/02/18 09:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.1	321
12/02/18 09:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	8.6	333
12/02/18 10:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	10.3	341
12/02/18 10:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	11.5	351
12/02/18 11:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	12.5	66
12/02/18 11:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	12.9	13
12/02/18 12:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	12.6	11
12/02/18 12:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	11.1	21
12/02/18 01:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	11.7	23
12/02/18 01:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	10.6	26
12/02/18 02:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	11.3	26
12/02/18 02:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	9.9	31
12/02/18 03:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	10.5	27
12/02/18 03:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	8.3	32
12/02/18 04:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	8.5	37
12/02/18 04:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.1	46
12/02/18 05:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.5	42
12/02/18 05:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.1	42
12/02/18 06:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.1	43
12/02/18 06:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.0	126
12/02/18 07:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.7	90
12/02/18 07:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.4	106
12/02/18 08:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.1	106
12/02/18 08:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.2	48
12/02/18 09:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.7	30
12/02/18 09:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.8	180
12/02/18 10:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.1	295
12/02/18 10:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	8.7	70
12/02/18 11:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.8	15
12/02/18 11:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.7	22
12/03/18 12:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.4	28

## Daily Processed Summary (Average, Maximum)

Average	#DIV/0!	#DIV/0!	#DIV/0!	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.7	9
Maximum Value	0	0	0.00	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/03/18 12:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.1	34
12/03/18 01:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.0	40
12/03/18 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.8	34
12/03/18 02:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.3	24
12/03/18 02:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.2	15
12/03/18 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.4	13
12/03/18 03:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.2	8
12/03/18 04:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.3	123
12/03/18 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.7	12
12/03/18 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.1	12
12/03/18 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.4	10
12/03/18 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.2	7
12/03/18 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.3	14
12/03/18 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.4	16
12/03/18 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.3	14
12/03/18 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.7	20
12/03/18 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.9	24
12/03/18 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.7	25
12/03/18 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.7	29
12/03/18 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.7	25
12/03/18 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.9	21
12/03/18 11:00 AM	6853	324	1.92	ND	ND	ND	ND	ND	ND	ND	14.3	22
12/03/18 11:30 AM	6846	325	1.92	ND	ND	ND	ND	ND	ND	ND	13.7	26
12/03/18 12:00 PM	7022	325	1.94	ND	ND	ND	ND	ND	ND	ND	14.3	16
12/03/18 12:30 PM	7069	324	1.92	ND	ND	ND	ND	ND	ND	ND	15.2	16
12/03/18 01:00 PM	7129	325	1.94	ND	ND	ND	ND	ND	ND	ND	14.8	12
12/03/18 01:30 PM	7129	325	1.92	ND	ND	ND	ND	ND	ND	ND	14.4	65
12/03/18 02:00 PM	6977	324	1.93	ND	ND	ND	ND	ND	ND	ND	14.1	69
12/03/18 02:30 PM	6597	324	1.91	ND	ND	ND	ND	ND	ND	ND	15.0	68
12/03/18 03:00 PM	6265	323	1.88	ND	ND	ND	ND	ND	ND	ND	15.1	67
12/03/18 03:30 PM	6263	321	1.89	ND	ND	ND	ND	ND	ND	ND	12.8	71
12/03/18 04:00 PM	6220	320	1.94	ND	ND	ND	ND	ND	ND	ND	13.5	9
12/03/18 04:30 PM	5885	319	1.86	ND	ND	ND	ND	ND	ND	ND	13.3	8
12/03/18 05:00 PM	5714	319	1.85	ND	ND	ND	ND	ND	ND	ND	11.1	10
12/03/18 05:30 PM	6308	318	1.89	ND	ND	ND	ND	ND	ND	ND	9.0	64
12/03/18 06:00 PM	6586	316	1.91	ND	ND	ND	ND	ND	ND	ND	8.3	3
12/03/18 06:30 PM	6619	316	1.94	ND	ND	ND	ND	ND	ND	ND	8.0	7
12/03/18 07:00 PM	6604	314	1.93	ND	ND	ND	ND	ND	ND	ND	8.8	121
12/03/18 07:30 PM	6551	313	1.90	ND	ND	ND	ND	ND	ND	ND	10.0	2
12/03/18 08:00 PM	6614	313	1.92	ND	ND	ND	ND	ND	ND	ND	9.4	7
12/03/18 08:30 PM	6748	312	1.91	ND	ND	ND	ND	ND	ND	ND	8.6	13
12/03/18 09:00 PM	6877	312	1.96	ND	ND	ND	ND	ND	ND	ND	7.8	11
12/03/18 09:30 PM	6946	313	1.99	ND	ND	ND	ND	ND	ND	ND	7.5	6
12/03/18 10:00 PM	6850	310	1.94	ND	ND	ND	ND	ND	ND	ND	9.3	9
12/03/18 10:30 PM	6842	309	1.95	ND	ND	ND	ND	ND	ND	ND	9.6	13
12/03/18 11:00 PM	6830	310	1.93	ND	ND	ND	ND	ND	ND	ND	9.9	16
12/03/18 11:30 PM	6718	311	2.06	ND	ND	ND	ND	ND	ND	ND	9.6	16
12/04/18 12:00 AM	6722	311	1.97	ND	ND	ND	ND	ND	ND	ND	8.9	13

## Daily Processed Summary (Average, Maximum)

Average	6659	318	1.93	BDL	BDL	BDL	BDL	BDL	BDL	BDL	10.0	26
Maximum Value	7129	325	2.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	W5PD (mph)	WDIR (deg)
12/04/18 12:30 AM	6685	310	1.96	ND	ND	ND	ND	ND	ND	ND	8.2	10
12/04/18 01:00 AM	6476	310	1.96	ND	ND	ND	ND	ND	ND	ND	9.6	11
12/04/18 01:30 AM	6364	309	1.97	ND	ND	ND	ND	ND	ND	ND	8.9	10
12/04/18 02:00 AM	6335	308	1.96	ND	ND	ND	ND	ND	ND	ND	9.2	7
12/04/18 02:30 AM	6187	308	1.95	ND	ND	ND	ND	ND	ND	ND	11.1	13
12/04/18 03:00 AM	6135	308	1.96	ND	ND	ND	ND	ND	ND	ND	10.6	17
12/04/18 03:30 AM	6107	309	3.54	ND	ND	ND	ND	ND	ND	ND	9.7	21
12/04/18 04:00 AM	6020	308	2.13	ND	ND	ND	ND	ND	ND	ND	10.4	18
12/04/18 04:30 AM	5976	308	1.98	ND	ND	ND	ND	ND	ND	ND	10.4	15
12/04/18 05:00 AM	5924	307	2.02	ND	ND	ND	ND	ND	ND	ND	10.9	16
12/04/18 05:30 AM	5889	307	1.98	ND	ND	ND	ND	ND	ND	ND	11.1	15
12/04/18 06:00 AM	5819	308	1.98	ND	ND	ND	ND	ND	ND	ND	12.2	13
12/04/18 06:30 AM	5748	309	2.11	ND	ND	ND	ND	ND	ND	ND	11.6	18
12/04/18 07:00 AM	5698	309	1.98	ND	ND	ND	ND	ND	ND	ND	11.2	14
12/04/18 07:30 AM	5679	309	2.04	ND	ND	ND	ND	ND	ND	ND	9.7	15
12/04/18 08:00 AM	5707	310	2.03	ND	ND	ND	ND	ND	ND	ND	9.8	20
12/04/18 08:30 AM	5686	315	2.13	ND	ND	ND	ND	ND	ND	ND	10.7	25
12/04/18 09:00 AM	5578	320	2.01	ND	ND	ND	ND	ND	ND	ND	10.8	33
12/04/18 09:30 AM	5536	322	1.97	ND	ND	ND	ND	ND	ND	ND	11.7	41
12/04/18 10:00 AM	5530	324	1.95	ND	ND	ND	ND	ND	ND	ND	11.2	43
12/04/18 10:30 AM	5327	324	1.94	ND	ND	ND	ND	ND	ND	ND	11.2	37
12/04/18 11:00 AM	5405	326	1.94	ND	ND	ND	ND	ND	ND	ND	10.2	26
12/04/18 11:30 AM	5361	326	1.94	ND	ND	ND	ND	ND	ND	ND	10.1	27
12/04/18 12:00 PM	5456	326	1.94	ND	ND	ND	ND	ND	ND	ND	9.7	28
12/04/18 12:30 PM	5406	326	1.92	ND	ND	ND	ND	ND	ND	ND	10.5	34
12/04/18 01:00 PM	5509	326	1.92	ND	ND	ND	ND	ND	ND	ND	10.4	24
12/04/18 01:30 PM	5615	324	1.92	ND	ND	ND	ND	ND	ND	ND	9.8	24
12/04/18 02:00 PM	5696	325	1.90	ND	ND	ND	ND	ND	ND	ND	8.7	22
12/04/18 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.2	14
12/04/18 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.6	19
12/04/18 03:30 PM	5783	323	1.92	ND	ND	ND	ND	ND	ND	ND	8.5	23
12/04/18 04:00 PM	5749	322	1.96	ND	ND	ND	ND	ND	ND	ND	8.0	30
12/04/18 04:30 PM	5608	321	1.91	ND	ND	ND	ND	ND	ND	ND	8.3	31
12/04/18 05:00 PM	5659	320	1.90	ND	ND	ND	ND	ND	ND	ND	7.0	34
12/04/18 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.0	24
12/04/18 06:00 PM	6251	318	2.18	ND	ND	ND	ND	ND	ND	ND	3.7	20
12/04/18 06:30 PM	6235	317	2.21	ND	ND	ND	ND	ND	ND	ND	3.8	21
12/04/18 07:00 PM	6354	320	5.80	ND	ND	ND	ND	ND	ND	ND	4.4	18
12/04/18 07:30 PM	6388	317	3.06	ND	ND	ND	ND	ND	ND	ND	4.9	14
12/04/18 08:00 PM	6334	315	2.27	ND	ND	ND	ND	ND	ND	ND	5.0	10
12/04/18 08:30 PM	6311	313	2.15	ND	ND	ND	ND	ND	ND	ND	5.3	17
12/04/18 09:00 PM	6400	312	2.09	ND	ND	ND	ND	ND	ND	ND	6.7	17
12/04/18 09:30 PM	6426	312	3.20	ND	ND	ND	ND	ND	ND	ND	6.9	25
12/04/18 10:00 PM	6301	311	2.39	ND	ND	ND	ND	ND	ND	ND	6.4	20
12/04/18 10:30 PM	6255	310	2.18	ND	ND	ND	ND	ND	ND	ND	6.5	17
12/04/18 11:00 PM	6219	309	2.28	ND	ND	ND	ND	ND	ND	ND	7.1	18
12/04/18 11:30 PM	6223	310	2.19	ND	ND	ND	ND	ND	ND	ND	6.9	22
12/05/18 12:00 AM	6227	311	3.84	ND	ND	ND	ND	ND	ND	ND	7.9	21

## Daily Processed Summary (Average, Maximum)

Average	5946	315	2.23	BDL	BDL	BDL	BDL	BDL	BDL	BDL	8.7	21
Maximum Value	6685	326	5.80	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/05/18 12:30 AM	6294	310	2.46	ND	ND	ND	ND	ND	ND	ND	7.2	25
12/05/18 01:00 AM	6479	310	2.60	ND	ND	ND	ND	ND	ND	ND	6.1	27
12/05/18 01:30 AM	6487	311	3.11	ND	ND	ND	ND	ND	ND	ND	6.7	25
12/05/18 02:00 AM	6350	311	2.10	ND	ND	ND	ND	ND	ND	ND	7.0	24
12/05/18 02:30 AM	6245	312	3.15	ND	ND	ND	ND	ND	ND	ND	8.3	21
12/05/18 03:00 AM	6044	312	2.20	ND	ND	ND	ND	ND	ND	ND	7.9	25
12/05/18 03:30 AM	6022	312	2.05	ND	ND	ND	ND	ND	ND	ND	8.5	25
12/05/18 04:00 AM	5805	312	2.72	ND	ND	ND	ND	ND	ND	ND	9.7	20
12/05/18 04:30 AM	5578	311	2.03	ND	ND	ND	ND	ND	ND	ND	11.2	21
12/05/18 05:00 AM	5544	311	2.34	ND	ND	ND	ND	ND	ND	ND	10.1	24
12/05/18 05:30 AM	5630	312	2.49	ND	ND	ND	ND	ND	ND	ND	8.0	20
12/05/18 06:00 AM	5688	311	2.09	ND	ND	ND	ND	ND	ND	ND	6.1	22
12/05/18 06:30 AM	5714	311	2.06	ND	ND	ND	ND	ND	ND	ND	6.4	35
12/05/18 07:00 AM	5711	311	2.05	ND	ND	ND	ND	ND	ND	ND	6.1	37
12/05/18 07:30 AM	5712	311	2.04	ND	ND	ND	ND	ND	ND	ND	6.3	49
12/05/18 08:00 AM	5840	311	2.04	ND	ND	ND	ND	ND	ND	ND	7.1	50
12/05/18 08:30 AM	6017	314	2.05	ND	ND	ND	ND	ND	ND	ND	8.0	44
12/05/18 09:00 AM	6028	316	2.04	ND	ND	ND	ND	ND	ND	ND	8.4	48
12/05/18 09:30 AM	5918	317	2.04	ND	ND	ND	ND	ND	ND	ND	8.7	46
12/05/18 10:00 AM	5686	318	2.05	ND	ND	ND	ND	ND	ND	ND	9.7	46
12/05/18 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.1	63
12/05/18 11:00 AM	5363	321	2.01	ND	ND	ND	ND	ND	ND	ND	9.8	66
12/05/18 11:30 AM	5487	325	2.02	ND	ND	ND	ND	ND	ND	ND	8.8	73
12/05/18 12:00 PM	5325	327	2.03	ND	ND	ND	ND	ND	ND	ND	8.1	71
12/05/18 12:30 PM	5511	326	2.03	ND	ND	ND	ND	ND	ND	ND	7.0	80
12/05/18 01:00 PM	5389	327	2.01	ND	ND	ND	ND	ND	ND	ND	8.2	80
12/05/18 01:30 PM	5350	326	2.00	ND	ND	ND	ND	ND	ND	ND	7.8	101
12/05/18 02:00 PM	5297	326	1.99	ND	ND	ND	ND	ND	ND	ND	7.8	99
12/05/18 02:30 PM	5483	325	2.00	ND	ND	ND	ND	ND	ND	ND	8.5	91
12/05/18 03:00 PM	6116	324	2.02	ND	ND	ND	ND	ND	ND	ND	8.6	91
12/05/18 03:30 PM	6312	322	1.99	ND	ND	ND	ND	ND	ND	ND	9.3	83
12/05/18 04:00 PM	5826	320	1.98	ND	ND	ND	ND	ND	ND	ND	8.5	93
12/05/18 04:30 PM	7263	318	1.94	ND	ND	ND	ND	ND	ND	ND	9.8	111
12/05/18 05:00 PM	7128	316	1.92	ND	ND	ND	ND	ND	ND	ND	9.2	116
12/05/18 05:30 PM	7082	315	1.93	ND	ND	ND	ND	ND	ND	ND	8.1	116
12/05/18 06:00 PM	7442	313	1.90	ND	ND	ND	ND	ND	ND	ND	7.9	109
12/05/18 06:30 PM	7783	311	1.89	ND	ND	ND	ND	ND	ND	ND	8.0	105
12/05/18 07:00 PM	7591	310	1.94	ND	ND	ND	ND	ND	ND	ND	8.3	90
12/05/18 07:30 PM	7368	310	1.89	ND	ND	ND	ND	ND	ND	ND	7.4	78
12/05/18 08:00 PM	7385	310	1.90	ND	ND	ND	ND	ND	ND	ND	7.0	76
12/05/18 08:30 PM	7429	310	1.90	ND	ND	ND	ND	ND	ND	ND	6.5	74
12/05/18 09:00 PM	7456	310	1.94	ND	ND	ND	ND	ND	ND	ND	6.4	72
12/05/18 09:30 PM	7541	310	1.96	ND	ND	ND	ND	ND	ND	ND	5.7	71
12/05/18 10:00 PM	7740	310	1.95	ND	ND	ND	ND	ND	ND	ND	6.1	66
12/05/18 10:30 PM	7806	310	1.92	ND	ND	ND	ND	ND	ND	ND	7.1	68
12/05/18 11:00 PM	8031	310	1.95	ND	ND	ND	ND	ND	ND	ND	7.3	78
12/05/18 11:30 PM	8340	309	1.96	ND	ND	ND	ND	ND	ND	ND	5.8	76
12/06/18 12:00 AM	8606	309	1.96	ND	ND	ND	ND	ND	ND	ND	5.9	82

## Daily Processed Summary (Average, Maximum)

Average	6431	315	2.10	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.8	63
Maximum Value	8606	327	3.15	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected



# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/06/18 12:30 AM	8872	310	1.97	ND	ND	ND	ND	ND	ND	ND	6.5	74
12/06/18 01:00 AM	9139	310	1.93	ND	ND	ND	ND	ND	ND	ND	4.5	69
12/06/18 01:30 AM	9424	310	1.93	ND	ND	ND	ND	ND	ND	ND	6.2	73
12/06/18 02:00 AM	9810	309	2.00	ND	ND	ND	ND	ND	ND	ND	7.2	85
12/06/18 02:30 AM	10299	309	2.06	ND	ND	ND	ND	ND	ND	ND	4.5	85
12/06/18 03:00 AM	10596	310	1.95	ND	ND	ND	ND	ND	ND	ND	3.9	82
12/06/18 03:30 AM	11001	309	1.98	ND	ND	ND	ND	ND	ND	ND	3.5	95
12/06/18 04:00 AM	11158	310	1.97	ND	ND	ND	ND	ND	ND	ND	4.4	69
12/06/18 04:30 AM	11459	311	1.95	ND	ND	ND	ND	ND	ND	ND	5.5	62
12/06/18 05:00 AM	11890	309	2.00	ND	ND	ND	ND	ND	ND	ND	6.3	98
12/06/18 05:30 AM	12359	309	1.90	ND	ND	ND	ND	ND	ND	ND	6.6	109
12/06/18 06:00 AM	12861	307	1.84	ND	ND	ND	ND	ND	ND	ND	7.1	121
12/06/18 06:30 AM	12990	307	1.80	ND	ND	ND	ND	ND	ND	ND	6.9	113
12/06/18 07:00 AM	13098	307	1.83	ND	ND	ND	ND	ND	ND	ND	7.0	113
12/06/18 07:30 AM	13303	309	1.79	ND	ND	ND	ND	ND	ND	ND	11.0	135
12/06/18 08:00 AM	13437	308	1.79	ND	ND	ND	ND	ND	ND	ND	11.8	134
12/06/18 08:30 AM	13339	290	1.74	ND	ND	ND	ND	ND	ND	ND	12.0	136
12/06/18 09:00 AM	13214	279	1.71	ND	ND	ND	ND	ND	ND	ND	10.2	129
12/06/18 09:30 AM	13620	288	1.74	ND	ND	ND	ND	ND	ND	ND	8.8	125
12/06/18 10:00 AM	14034	305	1.77	ND	ND	ND	ND	ND	ND	ND	9.7	130
12/06/18 10:30 AM	14146	309	1.77	ND	ND	ND	ND	ND	ND	ND	11.6	134
12/06/18 11:00 AM	14132	308	1.78	ND	ND	ND	ND	ND	ND	ND	10.2	131
12/06/18 11:30 AM	14207	309	1.78	ND	ND	ND	ND	ND	ND	ND	12.1	140
12/06/18 12:00 PM	14601	312	1.82	ND	ND	ND	ND	ND	ND	ND	13.5	143
12/06/18 12:30 PM	15060	315	1.86	ND	ND	ND	ND	ND	ND	ND	15.7	147
12/06/18 01:00 PM	15167	315	1.86	ND	ND	ND	ND	ND	ND	ND	16.2	145
12/06/18 01:30 PM	15240	314	1.85	ND	ND	ND	ND	ND	ND	ND	11.6	140
12/06/18 02:00 PM	15431	313	1.85	ND	ND	ND	ND	ND	ND	ND	11.9	140
12/06/18 02:30 PM	15473	313	1.86	ND	ND	ND	ND	ND	ND	ND	14.9	143
12/06/18 03:00 PM	15462	313	1.85	ND	ND	ND	ND	ND	ND	ND	12.4	137
12/06/18 03:30 PM	15453	312	1.84	ND	ND	ND	ND	ND	ND	ND	9.9	130
12/06/18 04:00 PM	15558	310	1.84	ND	ND	ND	ND	ND	ND	ND	8.7	120
12/06/18 04:30 PM	15569	310	1.85	ND	ND	ND	ND	ND	ND	ND	8.5	121
12/06/18 05:00 PM	15683	310	1.85	ND	ND	ND	ND	ND	ND	ND	8.8	120
12/06/18 05:30 PM	15713	309	1.85	ND	ND	ND	ND	ND	ND	ND	9.0	120
12/06/18 06:00 PM	15640	303	1.88	ND	ND	ND	ND	ND	ND	ND	9.2	117
12/06/18 06:30 PM	15410	277	1.79	ND	ND	ND	ND	ND	ND	ND	8.6	118
12/06/18 07:00 PM	15861	296	1.84	ND	ND	ND	ND	ND	ND	ND	8.8	120
12/06/18 07:30 PM	15913	302	1.87	ND	ND	ND	ND	ND	ND	ND	8.2	120
12/06/18 08:00 PM	15930	304	1.89	ND	ND	ND	ND	ND	ND	ND	8.1	120
12/06/18 08:30 PM	15951	306	1.83	ND	ND	ND	ND	ND	ND	ND	8.5	124
12/06/18 09:00 PM	15932	306	1.82	ND	ND	ND	ND	ND	ND	ND	8.5	126
12/06/18 09:30 PM	15921	307	1.82	ND	ND	ND	ND	ND	ND	ND	8.4	121
12/06/18 10:00 PM	15918	307	1.82	ND	ND	ND	ND	ND	ND	ND	8.5	126
12/06/18 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.2	129
12/06/18 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.4	127
12/06/18 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.4	120
12/07/18 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.6	118

## Daily Processed Summary (Average, Maximum)

Average	13756	306	1.86	BDL	BDL	BDL	BDL	BDL	BDL	BDL	8.5	124
Maximum Value	15951	315	2.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/07/18 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.9	125
12/07/18 01:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.8	127
12/07/18 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.2	127
12/07/18 02:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.1	133
12/07/18 02:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.5	141
12/07/18 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.2	146
12/07/18 03:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.1	153
12/07/18 04:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.7	155
12/07/18 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.7	154
12/07/18 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.4	147
12/07/18 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.0	142
12/07/18 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.0	124
12/07/18 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.6	129
12/07/18 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.3	130
12/07/18 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.6	131
12/07/18 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.0	122
12/07/18 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.8	121
12/07/18 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.3	128
12/07/18 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.6	140
12/07/18 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.1	141
12/07/18 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.7	144
12/07/18 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.1	145
12/07/18 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.5	158
12/07/18 12:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.4	135
12/07/18 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.3	131
12/07/18 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.5	128
12/07/18 01:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.1	129
12/07/18 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.5	130
12/07/18 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.9	127
12/07/18 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.9	144
12/07/18 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.8	94
12/07/18 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.8	111
12/07/18 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.5	117
12/07/18 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.5	64
12/07/18 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.5	339
12/07/18 06:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.4	131
12/07/18 06:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.6	24
12/07/18 07:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.9	321
12/07/18 07:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	21.1	322
12/07/18 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.7	353
12/07/18 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.9	345
12/07/18 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.1	344
12/07/18 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.0	350
12/07/18 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.5	344
12/07/18 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.3	331
12/07/18 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.0	336
12/07/18 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.8	324
12/08/18 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline		

Daily Processed Summary (Average, Maximum)

Average	Maximum Value	#DIV/0!	#DIV/0!	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	0	0	0.00	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.9	115

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/08/18 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	15.0	321
12/08/18 01:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	17.3	325
12/08/18 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	17.9	332
12/08/18 02:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	19.1	339
12/08/18 02:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	17.9	340
12/08/18 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.7	353
12/08/18 03:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.8	125
12/08/18 04:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.7	73
12/08/18 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.0	347
12/08/18 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	15.6	338
12/08/18 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.6	290
12/08/18 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.2	21
12/08/18 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.2	314
12/08/18 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	15.2	320
12/08/18 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.4	335
12/08/18 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.3	336
12/08/18 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	16.3	330
12/08/18 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	15.0	334
12/08/18 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	15.7	342
12/08/18 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	16.0	335
12/08/18 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	16.5	336
12/08/18 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.8	334
12/08/18 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	15.1	331
12/08/18 12:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	16.1	340
12/08/18 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	15.2	334
12/08/18 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	16.0	330
12/08/18 01:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	16.0	326
12/08/18 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	16.0	327
12/08/18 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.6	321
12/08/18 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	15.3	327
12/08/18 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	15.5	327
12/08/18 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.9	327
12/08/18 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	17.3	330
12/08/18 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	17.8	332
12/08/18 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	17.9	327
12/08/18 06:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	17.1	329
12/08/18 06:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	16.1	331
12/08/18 07:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	18.0	336
12/08/18 07:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	16.2	337
12/08/18 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	17.9	337
12/08/18 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	15.8	334
12/08/18 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.8	334
12/08/18 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	17.5	331
12/08/18 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	16.9	338
12/08/18 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	18.2	343
12/08/18 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	15.4	341
12/08/18 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	16.4	331
12/09/18 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	15.4	331

## Daily Processed Summary (Average, Maximum)

Average	#DIV/0!	#DIV/0!	#DIV/0!	BDL	BDL	BDL	BDL	BDL	BDL	BDL	14.6	334
Maximum Value	0	0	0.00	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/09/18 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	15.0	335
12/09/18 01:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	15.3	338
12/09/18 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	15.3	336
12/09/18 02:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.9	341
12/09/18 02:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.0	339
12/09/18 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.4	329
12/09/18 03:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	15.1	345
12/09/18 04:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	16.6	343
12/09/18 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	16.6	342
12/09/18 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.4	341
12/09/18 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.7	355
12/09/18 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.9	346
12/09/18 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.6	347
12/09/18 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.9	346
12/09/18 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.0	346
12/09/18 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.6	345
12/09/18 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.6	350
12/09/18 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.9	345
12/09/18 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.4	334
12/09/18 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.9	333
12/09/18 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.5	337
12/09/18 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.0	338
12/09/18 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.6	341
12/09/18 12:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.3	324
12/09/18 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.5	323
12/09/18 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.0	324
12/09/18 01:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.6	326
12/09/18 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.9	329
12/09/18 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.7	332
12/09/18 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.6	334
12/09/18 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.3	328
12/09/18 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.1	336
12/09/18 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.8	329
12/09/18 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.4	343
12/09/18 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.9	350
12/09/18 06:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.3	298
12/09/18 06:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.3	121
12/09/18 07:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.2	64
12/09/18 07:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.4	8
12/09/18 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.8	18
12/09/18 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.5	21
12/09/18 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.6	11
12/09/18 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.5	6
12/09/18 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.4	4
12/09/18 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.5	12
12/09/18 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.2	11
12/09/18 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.2	62
12/10/18 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.2	4

## Daily Processed Summary (Average, Maximum)

Average	#DIV/0!	#DIV/0!	#DIV/0!	BDL	BDL	BDL	BDL	BDL	BDL	BDL	10.5	343
Maximum Value	0	0	0.00	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/10/18 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.6	4
12/10/18 01:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.9	3
12/10/18 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.1	61
12/10/18 02:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.0	180
12/10/18 02:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.3	335
12/10/18 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.4	318
12/10/18 03:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.3	315
12/10/18 04:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.3	318
12/10/18 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.6	316
12/10/18 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.6	311
12/10/18 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.6	322
12/10/18 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.8	325
12/10/18 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.5	336
12/10/18 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.6	328
12/10/18 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.0	318
12/10/18 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.6	303
12/10/18 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.7	326
12/10/18 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.5	341
12/10/18 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.1	352
12/10/18 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.6	234
12/10/18 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.0	238
12/10/18 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.2	123
12/10/18 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.2	291
12/10/18 12:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.2	322
12/10/18 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.8	317
12/10/18 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.7	307
12/10/18 01:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.4	317
12/10/18 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.5	338
12/10/18 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.5	331
12/10/18 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.6	336
12/10/18 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.8	335
12/10/18 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.1	337
12/10/18 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.3	330
12/10/18 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.8	330
12/10/18 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.9	185
12/10/18 06:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.1	36
12/10/18 06:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.6	30
12/10/18 07:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.0	33
12/10/18 07:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	1.9	38
12/10/18 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.6	62
12/10/18 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.6	83
12/10/18 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.0	129
12/10/18 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.7	190
12/10/18 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.0	208
12/10/18 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.4	198
12/10/18 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.0	189
12/10/18 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.5	212
12/11/18 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.3	241

Daily Processed Summary (Average, Maximum)

Average	#DIV/0!	#DIV/0!	#DIV/0!	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.9	324
Maximum Value	0	0	0.00	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/11/18 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.7	272
12/11/18 01:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.9	263
12/11/18 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.4	271
12/11/18 02:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.8	324
12/11/18 02:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.7	278
12/11/18 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.3	15
12/11/18 03:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.6	10
12/11/18 04:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.3	22
12/11/18 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.9	30
12/11/18 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.0	16
12/11/18 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.3	27
12/11/18 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.4	35
12/11/18 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.3	51
12/11/18 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.4	55
12/11/18 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.0	59
12/11/18 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.4	59
12/11/18 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.8	55
12/11/18 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.8	65
12/11/18 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.7	79
12/11/18 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.0	89
12/11/18 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.1	89
12/11/18 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.0	116
12/11/18 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.5	121
12/11/18 12:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.3	109
12/11/18 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.8	119
12/11/18 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.6	124
12/11/18 01:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.8	122
12/11/18 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.5	126
12/11/18 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.0	118
12/11/18 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.7	118
12/11/18 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.1	113
12/11/18 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.8	116
12/11/18 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.9	104
12/11/18 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.9	108
12/11/18 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.3	110
12/11/18 06:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.8	114
12/11/18 06:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.7	114
12/11/18 07:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.0	113
12/11/18 07:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.2	117
12/11/18 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.8	127
12/11/18 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.9	131
12/11/18 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.5	141
12/11/18 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.3	164
12/11/18 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.8	172
12/11/18 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.8	171
12/11/18 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.2	171
12/11/18 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.2	173
12/12/18 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.7	170

Daily Processed Summary (Average, Maximum)

Average	#DIV/0!	#DIV/0!	#DIV/0!	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.4	120
Maximum Value	0	0	0.00	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/12/18 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.1	172
12/12/18 01:00 AM	11363	346	1.81	ND	ND	ND	ND	ND	ND	ND	10.6	175
12/12/18 01:30 AM	11425	343	1.82	ND	ND	ND	ND	ND	ND	ND	10.8	176
12/12/18 02:00 AM	11602	342	1.82	ND	ND	ND	ND	ND	ND	ND	11.7	175
12/12/18 02:30 AM	11676	340	1.81	ND	ND	ND	ND	ND	ND	ND	12.3	174
12/12/18 03:00 AM	11747	339	1.80	ND	ND	ND	ND	ND	ND	ND	13.4	172
12/12/18 03:30 AM	12009	340	1.80	ND	ND	ND	ND	ND	ND	ND	13.4	172
12/12/18 04:00 AM	12138	338	1.79	ND	ND	ND	ND	ND	ND	ND	13.6	171
12/12/18 04:30 AM	12422	340	1.81	ND	ND	ND	ND	ND	ND	ND	14.3	167
12/12/18 05:00 AM	12498	339	1.80	ND	ND	ND	ND	ND	ND	ND	10.8	174
12/12/18 05:30 AM	12552	336	1.79	ND	ND	ND	ND	ND	ND	ND	9.9	173
12/12/18 06:00 AM	12812	340	1.80	ND	ND	ND	ND	ND	ND	ND	11.6	170
12/12/18 06:30 AM	13100	340	1.80	ND	ND	ND	ND	ND	ND	ND	11.1	163
12/12/18 07:00 AM	13019	340	1.84	ND	ND	ND	ND	ND	ND	ND	5.7	129
12/12/18 07:30 AM	12794	337	1.93	ND	ND	ND	ND	ND	ND	ND	4.4	104
12/12/18 08:00 AM	12716	336	1.99	ND	ND	ND	ND	ND	ND	ND	5.2	97
12/12/18 08:30 AM	12944	333	1.93	ND	ND	ND	ND	ND	ND	ND	5.5	110
12/12/18 09:00 AM	13124	334	1.89	ND	ND	ND	ND	ND	ND	ND	7.2	102
12/12/18 09:30 AM	13511	335	1.84	ND	ND	ND	ND	ND	ND	ND	7.1	120
12/12/18 10:00 AM	14001	339	1.81	ND	ND	ND	ND	ND	ND	ND	9.6	136
12/12/18 10:30 AM	14149	343	1.80	ND	ND	ND	ND	ND	ND	ND	12.3	150
12/12/18 11:00 AM	14261	342	1.79	ND	ND	ND	ND	ND	ND	ND	14.6	154
12/12/18 11:30 AM	14238	338	1.79	ND	ND	ND	ND	ND	ND	ND	14.8	165
12/12/18 12:00 PM	14147	335	1.78	ND	ND	ND	ND	ND	ND	ND	15.5	167
12/12/18 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	16.4	171
12/12/18 01:00 PM	15642	337	1.95	ND	ND	ND	ND	ND	ND	ND	16.6	169
12/12/18 01:30 PM	15688	334	1.94	ND	ND	ND	ND	ND	ND	ND	13.9	172
12/12/18 02:00 PM	16002	334	1.95	ND	ND	ND	ND	ND	ND	ND	13.6	171
12/12/18 02:30 PM	16232	333	1.95	ND	ND	ND	ND	ND	ND	ND	13.5	173
12/12/18 03:00 PM	16338	333	1.95	ND	ND	ND	ND	ND	ND	ND	13.1	172
12/12/18 03:30 PM	16432	333	1.96	ND	ND	ND	ND	ND	ND	ND	9.9	178
12/12/18 04:00 PM	16802	334	1.96	ND	ND	ND	ND	ND	ND	ND	9.3	172
12/12/18 04:30 PM	16900	345	1.97	ND	ND	ND	ND	ND	ND	ND	11.0	176
12/12/18 05:00 PM	17004	347	1.97	ND	ND	ND	ND	ND	ND	ND	13.0	171
12/12/18 05:30 PM	16857	345	1.97	ND	ND	ND	ND	ND	ND	ND	14.1	172
12/12/18 06:00 PM	16826	346	1.97	ND	ND	ND	ND	ND	ND	ND	15.6	171
12/12/18 06:30 PM	16885	345	1.97	ND	ND	ND	ND	ND	ND	ND	16.5	168
12/12/18 07:00 PM	17025	350	1.98	ND	ND	ND	ND	ND	ND	ND	14.7	158
12/12/18 07:30 PM	16986	351	1.98	ND	ND	ND	ND	ND	ND	ND	13.8	144
12/12/18 08:00 PM	17023	350	1.98	ND	ND	ND	ND	ND	ND	ND	11.7	143
12/12/18 08:30 PM	16970	347	1.98	ND	ND	ND	ND	ND	ND	ND	9.1	136
12/12/18 09:00 PM	16880	344	1.98	ND	ND	ND	ND	ND	ND	ND	6.9	126
12/12/18 09:30 PM	16500	318	1.92	ND	ND	ND	ND	ND	ND	ND	5.0	123
12/12/18 10:00 PM	15762	274	1.93	ND	ND	ND	ND	ND	ND	ND	3.0	83
12/12/18 10:30 PM	14072	208	1.71	ND	ND	ND	ND	ND	ND	ND	8.8	112
12/12/18 11:00 PM	15432	250	1.80	ND	ND	ND	ND	ND	ND	ND	11.2	134
12/12/18 11:30 PM	16959	297	1.88	ND	ND	ND	ND	ND	ND	ND	13.3	144
12/12/18 12:00 AM	17662	324	1.93	ND	ND	ND	ND	ND	ND	ND	12.6	150

## Daily Processed Summary (Average, Maximum)

Average	14633	332	1.88	BDL	BDL	BDL	BDL	BDL	BDL	BDL	10.7	160
Maximum Value	17662	351	1.99	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	CH6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/13/18 12:30 AM	17814	327	1.93	ND	ND	ND	ND	ND	ND	ND	14.3	141
12/13/18 01:00 AM	18078	332	1.95	ND	ND	ND	ND	ND	ND	ND	13.8	142
12/13/18 01:30 AM	18219	332	1.94	ND	ND	ND	ND	ND	ND	ND	13.3	143
12/13/18 02:00 AM	17154	283	1.83	ND	ND	ND	ND	ND	ND	ND	12.1	148
12/13/18 02:30 AM	15087	235	1.71	ND	ND	ND	ND	ND	ND	ND	9.0	205
12/13/18 03:00 AM	13524	184	1.47	ND	ND	ND	ND	ND	ND	ND	10.4	221
12/13/18 03:30 AM	15887	252	1.78	ND	ND	ND	ND	ND	ND	ND	8.1	214
12/13/18 04:00 AM	16041	263	1.81	ND	ND	ND	ND	ND	ND	ND	8.8	205
12/13/18 04:30 AM	16077	273	1.85	ND	ND	ND	ND	ND	ND	ND	9.8	206
12/13/18 05:00 AM	16150	289	1.90	ND	ND	ND	ND	ND	ND	ND	11.2	210
12/13/18 05:30 AM	15970	304	1.93	ND	ND	ND	ND	ND	ND	ND	11.8	228
12/13/18 06:00 AM	15647	317	1.95	ND	ND	ND	ND	ND	ND	ND	7.4	234
12/13/18 06:30 AM	15436	324	1.98	ND	ND	ND	ND	ND	ND	ND	7.0	263
12/13/18 07:00 AM	15200	327	2.01	ND	ND	ND	ND	ND	ND	ND	6.7	260
12/13/18 07:30 AM	14797	330	2.02	ND	ND	ND	ND	ND	ND	ND	6.1	268
12/13/18 08:00 AM	14847	333	2.02	ND	ND	ND	ND	ND	ND	ND	4.6	247
12/13/18 08:30 AM	15060	341	2.01	ND	ND	ND	ND	ND	ND	ND	4.8	250
12/13/18 09:00 AM	15102	347	2.01	ND	ND	ND	ND	ND	ND	ND	6.8	238
12/13/18 09:30 AM	15366	346	2.02	ND	ND	ND	ND	ND	ND	ND	7.3	254
12/13/18 10:00 AM	15390	347	2.01	ND	ND	ND	ND	ND	ND	ND	6.9	257
12/13/18 10:30 AM	15571	347	2.01	ND	ND	ND	ND	ND	ND	ND	8.6	247
12/13/18 11:00 AM	15801	347	2.01	ND	ND	ND	ND	ND	ND	ND	9.0	235
12/13/18 11:30 AM	16010	347	2.00	ND	ND	ND	ND	ND	ND	ND	10.2	230
12/13/18 12:00 PM	15696	347	1.99	ND	ND	ND	ND	ND	ND	ND	10.2	240
12/13/18 12:30 PM	15287	348	1.99	ND	ND	ND	ND	ND	ND	ND	9.6	251
12/13/18 01:00 PM	14322	349	2.00	ND	ND	ND	ND	ND	ND	ND	13.4	278
12/13/18 01:30 PM	12302	353	2.01	ND	ND	ND	ND	ND	ND	ND	15.3	289
12/13/18 02:00 PM	11236	355	2.02	ND	ND	ND	ND	ND	ND	ND	17.8	289
12/13/18 02:30 PM	10297	358	2.03	ND	ND	ND	ND	ND	ND	ND	14.5	278
12/13/18 03:00 PM	10315	357	2.02	ND	ND	ND	ND	ND	ND	ND	15.5	277
12/13/18 03:30 PM	9661	359	2.01	ND	ND	ND	ND	ND	ND	ND	18.1	286
12/13/18 04:00 PM	9314	358	2.01	ND	ND	ND	ND	ND	ND	ND	15.8	287
12/13/18 04:30 PM	8198	359	2.02	ND	ND	ND	ND	ND	ND	ND	11.2	281
12/13/18 05:00 PM	8416	359	2.02	ND	ND	ND	ND	ND	ND	ND	12.7	269
12/13/18 05:30 PM	8193	359	2.02	ND	ND	ND	ND	ND	ND	ND	14.5	270
12/13/18 06:00 PM	6876	361	2.02	ND	ND	ND	ND	ND	ND	ND	20.7	268
12/13/18 06:30 PM	7031	358	2.05	ND	ND	ND	ND	ND	ND	ND	25.6	278
12/13/18 07:00 PM	7053	358	2.13	ND	ND	ND	ND	ND	ND	ND	22.7	286
12/13/18 07:30 PM	6725	356	2.16	ND	ND	ND	ND	ND	ND	ND	21.2	288
12/13/18 08:00 PM	6778	355	2.15	ND	ND	ND	ND	ND	ND	ND	18.1	293
12/13/18 08:30 PM	6675	353	2.14	ND	ND	ND	ND	ND	ND	ND	12.3	289
12/13/18 09:00 PM	6979	351	2.14	ND	ND	ND	ND	ND	ND	ND	11.4	275
12/13/18 09:30 PM	7022	351	2.13	ND	ND	ND	ND	ND	ND	ND	14.8	280
12/13/18 10:00 PM	6901	350	2.12	ND	ND	ND	ND	ND	ND	ND	17.9	277
12/13/18 10:30 PM	6531	351	2.11	ND	ND	ND	ND	ND	ND	ND	19.2	276
12/13/18 11:00 PM	6502	350	2.11	ND	ND	ND	ND	ND	ND	ND	16.6	274
12/13/18 11:30 PM	6630	350	2.11	ND	ND	ND	ND	ND	ND	ND	15.2	275
12/14/18 12:00 AM	6709	350	2.11	ND	ND	ND	ND	ND	ND	ND		

## Daily Processed Summary (Average, Maximum)

Average	12206	333	1.99	BDL	BDL	BDL	BDL	BDL	BDL	BDL	9.8	260
Maximum Value	18219	361	2.16	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected



Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/14/18 12:30 AM	6788	348	2.11	ND	ND	ND	ND	ND	ND	ND	13.8	272
12/14/18 01:00 AM	6682	348	2.10	ND	ND	ND	ND	ND	ND	ND	13.7	280
12/14/18 01:30 AM	6714	348	2.10	ND	ND	ND	ND	ND	ND	ND	14.7	278
12/14/18 02:00 AM	6429	348	2.08	ND	ND	ND	ND	ND	ND	ND	17.3	292
12/14/18 02:30 AM	6541	348	2.09	ND	ND	ND	ND	ND	ND	ND	14.6	283
12/14/18 03:00 AM	6698	349	2.10	ND	ND	ND	ND	ND	ND	ND	14.9	280
12/14/18 03:30 AM	6684	349	2.10	ND	ND	ND	ND	ND	ND	ND	15.4	281
12/14/18 04:00 AM	6354	349	2.09	ND	ND	ND	ND	ND	ND	ND	21.5	293
12/14/18 04:30 AM	6552	347	2.11	ND	ND	ND	ND	ND	ND	ND	17.0	291
12/14/18 05:00 AM	6580	347	2.10	ND	ND	ND	ND	ND	ND	ND	17.8	295
12/14/18 05:30 AM	6391	348	2.11	ND	ND	ND	ND	ND	ND	ND	18.6	296
12/14/18 06:00 AM	6393	348	2.10	ND	ND	ND	ND	ND	ND	ND	19.6	303
12/14/18 06:30 AM	6396	348	2.10	ND	ND	ND	ND	ND	ND	ND	20.2	301
12/14/18 07:00 AM	6283	348	2.10	ND	ND	ND	ND	ND	ND	ND	20.5	304
12/14/18 07:30 AM	6236	348	2.11	ND	ND	ND	ND	ND	ND	ND	17.7	306
12/14/18 08:00 AM	6160	349	2.11	ND	ND	ND	ND	ND	ND	ND	17.7	305
12/14/18 08:30 AM	6083	349	2.11	ND	ND	ND	ND	ND	ND	ND	18.0	301
12/14/18 09:00 AM	6088	350	2.10	ND	ND	ND	ND	ND	ND	ND	19.2	298
12/14/18 09:30 AM	6074	353	2.11	ND	ND	ND	ND	ND	ND	ND	20.6	300
12/14/18 10:00 AM	6195	353	2.12	ND	ND	ND	ND	ND	ND	ND	19.1	304
12/14/18 10:30 AM	6364	354	2.12	ND	ND	ND	ND	ND	ND	ND	18.3	303
12/14/18 11:00 AM	6445	354	2.13	ND	ND	ND	ND	ND	ND	ND	18.0	307
12/14/18 11:30 AM	6548	355	2.13	ND	ND	ND	ND	ND	ND	ND	18.1	307
12/14/18 12:00 PM	6506	355	2.13	ND	ND	ND	ND	ND	ND	ND	18.8	310
12/14/18 12:30 PM	6601	353	2.12	ND	ND	ND	ND	ND	ND	ND	19.4	297
12/14/18 01:00 PM	6566	353	2.12	ND	ND	ND	ND	ND	ND	ND	19.9	299
12/14/18 01:30 PM	6614	352	2.12	ND	ND	ND	ND	ND	ND	ND	20.1	309
12/14/18 02:00 PM	6649	351	2.12	ND	ND	ND	ND	ND	ND	ND	19.8	310
12/14/18 02:30 PM	6890	351	2.13	ND	ND	ND	ND	ND	ND	ND	18.8	298
12/14/18 03:00 PM	6922	351	2.14	ND	ND	ND	ND	ND	ND	ND	16.6	310
12/14/18 03:30 PM	6965	352	2.14	ND	ND	ND	ND	ND	ND	ND	14.6	313
12/14/18 04:00 PM	6987	351	2.14	ND	ND	ND	ND	ND	ND	ND	14.5	320
12/14/18 04:30 PM	7043	351	2.13	ND	ND	ND	ND	ND	ND	ND	12.3	324
12/14/18 05:00 PM	7140	350	2.13	ND	ND	ND	ND	ND	ND	ND	11.1	321
12/14/18 05:30 PM	7254	349	2.17	ND	ND	ND	ND	ND	ND	ND	11.7	324
12/14/18 06:00 PM	7497	349	2.43	ND	ND	ND	ND	ND	ND	ND	11.8	317
12/14/18 06:30 PM	7620	349	2.26	ND	ND	ND	ND	ND	ND	ND	9.9	310
12/14/18 07:00 PM	7672	349	2.45	ND	ND	ND	ND	ND	ND	ND	7.2	302
12/14/18 07:30 PM	7633	349	2.20	ND	ND	ND	ND	ND	ND	ND	5.8	294
12/14/18 08:00 PM	7643	349	2.28	ND	ND	ND	ND	ND	ND	ND	6.1	281
12/14/18 08:30 PM	7730	349	2.14	ND	ND	ND	ND	ND	ND	ND	6.7	286
12/14/18 09:00 PM	7843	349	2.14	ND	ND	ND	ND	ND	ND	ND	8.7	291
12/14/18 09:30 PM	7944	350	2.16	ND	ND	ND	ND	ND	ND	ND	8.1	288
12/14/18 10:00 PM	7963	350	2.17	ND	ND	ND	ND	ND	ND	ND	9.0	285
12/14/18 10:30 PM	8086	349	2.16	ND	ND	ND	ND	ND	ND	ND		
12/14/18 11:00 PM	7816	349	2.14	ND	ND	ND	ND	ND	ND	ND		
12/14/18 11:30 PM	7683	349	2.14	ND	ND	ND	ND	ND	ND	ND		
12/15/18 12:00 AM	7540	350	2.13	ND	ND	ND	ND	ND	ND	ND		
Daily Processed Summary (Average, Maximum)												
Average	6885	350	2.14	BDL	BDL	BDL	BDL	BDL	BDL	BDL	15.2	300
Maximum Value	8086	355	2.45	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	CGH6_AVE (ppm)	HCLAVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/15/18 12:30 AM	7447	350	2.15	ND	ND	ND	ND	ND	ND	ND	9.5	286
12/15/18 01:00 AM	7655	350	2.17	ND	ND	ND	ND	ND	ND	ND	8.9	279
12/15/18 01:30 AM	7603	351	2.20	ND	ND	ND	ND	ND	ND	ND	8.7	280
12/15/18 02:00 AM	7451	350	2.20	ND	ND	ND	ND	ND	ND	ND	8.0	279
12/15/18 02:30 AM	7256	351	2.23	ND	ND	ND	ND	ND	ND	ND	10.1	283
12/15/18 03:00 AM	7187	350	2.24	ND	ND	ND	ND	ND	ND	ND	8.8	300
12/15/18 03:30 AM	7114	350	2.27	ND	ND	ND	ND	ND	ND	ND	8.0	295
12/15/18 04:00 AM	6815	351	2.29	ND	ND	ND	ND	ND	ND	ND	7.7	288
12/15/18 04:30 AM	6672	350	2.29	ND	ND	ND	ND	ND	ND	ND	7.9	283
12/15/18 05:00 AM	6551	350	2.30	ND	ND	ND	ND	ND	ND	ND	8.8	297
12/15/18 05:30 AM	6223	349	2.32	ND	ND	ND	ND	ND	ND	ND	7.3	300
12/15/18 06:00 AM	6106	350	2.35	ND	ND	ND	ND	ND	ND	ND	6.5	291
12/15/18 06:30 AM	5907	351	2.31	ND	ND	ND	ND	ND	ND	ND	7.2	297
12/15/18 07:00 AM	5915	350	2.34	ND	ND	ND	ND	ND	ND	ND	7.6	289
12/15/18 07:30 AM	5671	351	2.36	ND	ND	ND	ND	ND	ND	ND	8.3	306
12/15/18 08:00 AM	5538	352	2.37	ND	ND	ND	ND	ND	ND	ND	9.9	315
12/15/18 08:30 AM	5289	355	2.29	ND	ND	ND	ND	ND	ND	ND	11.9	317
12/15/18 09:00 AM	5013	359	2.25	ND	ND	ND	ND	ND	ND	ND	13.0	320
12/15/18 09:30 AM	5089	359	2.29	ND	ND	ND	ND	ND	ND	ND	12.6	325
12/15/18 10:00 AM	5449	358	2.29	ND	ND	ND	ND	ND	ND	ND	11.1	322
12/15/18 10:30 AM	5680	361	2.26	ND	ND	ND	ND	ND	ND	ND	10.7	316
12/15/18 11:00 AM	5991	362	2.24	ND	ND	ND	ND	ND	ND	ND	11.9	315
12/15/18 11:30 AM	6267	362	2.23	ND	ND	ND	ND	ND	ND	ND	12.6	320
12/15/18 12:00 PM	6497	361	2.19	ND	ND	ND	ND	ND	ND	ND	11.4	322
12/15/18 12:30 PM	6572	362	2.17	ND	ND	ND	ND	ND	ND	ND	12.4	324
12/15/18 01:00 PM	6748	363	2.17	ND	ND	ND	ND	ND	ND	ND	11.6	324
12/15/18 01:30 PM	6733	364	2.15	ND	ND	ND	ND	ND	ND	ND	12.4	327
12/15/18 02:00 PM	6567	365	2.15	ND	ND	ND	ND	ND	ND	ND	11.5	324
12/15/18 02:30 PM	6474	365	2.14	ND	ND	ND	ND	ND	ND	ND	11.6	324
12/15/18 03:00 PM	6179	367	2.13	ND	ND	ND	ND	ND	ND	ND	10.7	324
12/15/18 03:30 PM	5788	368	2.14	ND	ND	ND	ND	ND	ND	ND	8.7	320
12/15/18 04:00 PM	5817	367	2.18	ND	ND	ND	ND	ND	ND	ND	7.4	312
12/15/18 04:30 PM	5806	367	2.17	ND	ND	ND	ND	ND	ND	ND	5.7	318
12/15/18 05:00 PM	5880	367	2.21	ND	ND	ND	ND	ND	ND	ND	4.2	304
12/15/18 05:30 PM	6302	364	2.16	ND	ND	ND	ND	ND	ND	ND	5.0	302
12/15/18 06:00 PM	6669	360	2.19	ND	ND	ND	ND	ND	ND	ND	4.6	288
12/15/18 06:30 PM	6354	360	2.20	ND	ND	ND	ND	ND	ND	ND	4.7	284
12/15/18 07:00 PM	6743	358	2.19	ND	ND	ND	ND	ND	ND	ND	4.9	308
12/15/18 07:30 PM	6802	359	2.16	ND	ND	ND	ND	ND	ND	ND	3.5	310
12/15/18 08:00 PM	6272	361	2.19	ND	ND	ND	ND	ND	ND	ND	2.7	293
12/15/18 08:30 PM	6458	359	2.30	ND	ND	ND	ND	ND	ND	ND	3.1	305
12/15/18 09:00 PM	6655	359	2.37	ND	ND	ND	ND	ND	ND	ND	4.1	321
12/15/18 09:30 PM	6679	357	2.40	ND	ND	ND	ND	ND	ND	ND	4.8	333
12/15/18 10:00 PM	6947	358	2.64	ND	ND	ND	ND	ND	ND	ND	4.3	300
12/15/18 10:30 PM	6891	358	3.33	ND	ND	ND	ND	ND	ND	ND	3.9	301
12/15/18 11:00 PM	6278	359	3.21	ND	ND	ND	ND	ND	ND	ND	2.7	293
12/15/18 11:30 PM	6224	356	2.86	ND	ND	ND	ND	ND	ND	ND	3.1	305
12/16/18 12:00 AM	6551	354	2.93	ND	ND	ND	ND	ND	ND	ND	4.1	321

## Daily Processed Summary (Average, Maximum)

Average	6391	357	2.32	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7.9	309
Maximum Value	7655	368	3.33	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/16/18 12:30 AM	5988	355	2.46	ND	ND	ND	ND	ND	ND	ND	3.7	315
12/16/18 01:00 AM	6163	355	2.60	ND	ND	ND	ND	ND	ND	ND	3.9	309
12/16/18 01:30 AM	5876	354	2.75	ND	ND	ND	ND	ND	ND	ND	4.1	305
12/16/18 02:00 AM	5671	355	2.49	ND	ND	ND	ND	ND	ND	ND	4.3	299
12/16/18 02:30 AM	5692	354	2.41	ND	ND	ND	ND	ND	ND	ND	3.7	311
12/16/18 03:00 AM	5795	356	3.38	ND	ND	ND	ND	ND	ND	ND	3.3	231
12/16/18 03:30 AM	5763	356	3.91	ND	ND	ND	ND	ND	ND	ND	3.4	339
12/16/18 04:00 AM	5948	355	3.10	ND	ND	ND	ND	ND	ND	ND	2.8	343
12/16/18 04:30 AM	5834	356	2.98	ND	ND	ND	ND	ND	ND	ND	3.5	339
12/16/18 05:00 AM	5679	357	2.94	ND	ND	ND	ND	ND	ND	ND	3.1	292
12/16/18 05:30 AM	5656	358	3.03	ND	ND	ND	ND	ND	ND	ND	2.1	348
12/16/18 06:00 AM	5915	358	3.46	ND	ND	ND	ND	ND	ND	ND	2.7	33
12/16/18 06:30 AM	5697	359	3.20	ND	ND	ND	ND	ND	ND	ND	4.0	52
12/16/18 07:00 AM	5923	359	3.27	ND	ND	ND	ND	ND	ND	ND	3.3	64
12/16/18 07:30 AM	5990	359	3.07	ND	ND	ND	ND	ND	ND	ND	1.5	152
12/16/18 08:00 AM	6017	358	2.98	ND	ND	ND	ND	ND	ND	ND	2.2	325
12/16/18 08:30 AM	6546	358	2.91	ND	ND	ND	ND	ND	ND	ND	3.0	124
12/16/18 09:00 AM	6721	357	2.69	ND	ND	ND	ND	ND	ND	ND	3.5	37
12/16/18 09:30 AM	6626	357	2.44	ND	ND	ND	ND	ND	ND	ND	3.5	44
12/16/18 10:00 AM	6698	359	2.32	ND	ND	ND	ND	ND	ND	ND	4.3	47
12/16/18 10:30 AM	6577	360	2.28	ND	ND	ND	ND	ND	ND	ND	5.5	67
12/16/18 11:00 AM	6319	362	2.25	ND	ND	ND	ND	ND	ND	ND	5.2	86
12/16/18 11:30 AM	6353	363	2.22	ND	ND	ND	ND	ND	ND	ND	3.9	102
12/16/18 12:00 PM	6292	365	2.21	ND	ND	ND	ND	ND	ND	ND	5.1	91
12/16/18 12:30 PM	6210	366	2.21	ND	ND	ND	ND	ND	ND	ND	4.9	82
12/16/18 01:00 PM	5691	370	2.19	ND	ND	ND	ND	ND	ND	ND	4.9	57
12/16/18 01:30 PM	5823	371	2.18	ND	ND	ND	ND	ND	ND	ND	4.1	131
12/16/18 02:00 PM	7000	367	2.23	ND	ND	ND	ND	ND	ND	ND	4.5	237
12/16/18 02:30 PM	7147	365	2.22	ND	ND	ND	ND	ND	ND	ND	4.3	245
12/16/18 03:00 PM	6866	365	2.20	ND	ND	ND	ND	ND	ND	ND	4.7	221
12/16/18 03:30 PM	6883	364	2.18	ND	ND	ND	ND	ND	ND	ND	4.3	218
12/16/18 04:00 PM	6878	363	2.18	ND	ND	ND	ND	ND	ND	ND	3.4	229
12/16/18 04:30 PM	7342	360	2.16	ND	ND	ND	ND	ND	ND	ND	2.5	206
12/16/18 05:00 PM	7375	358	2.15	ND	ND	ND	ND	ND	ND	ND	2.6	228
12/16/18 05:30 PM	7174	358	2.23	ND	ND	ND	ND	ND	ND	ND	2.0	157
12/16/18 06:00 PM	7732	356	2.52	ND	ND	ND	ND	ND	ND	ND	3.4	99
12/16/18 06:30 PM	8026	356	2.72	ND	ND	ND	ND	ND	ND	ND	2.5	89
12/16/18 07:00 PM	8091	357	2.70	ND	ND	ND	ND	ND	ND	ND	3.6	89
12/16/18 07:30 PM	8305	357	2.40	ND	ND	ND	ND	ND	ND	ND	3.4	114
12/16/18 08:00 PM	8920	355	2.42	ND	ND	ND	ND	ND	ND	ND	2.6	138
12/16/18 08:30 PM	9440	356	2.59	ND	ND	ND	ND	ND	ND	ND	2.3	170
12/16/18 09:00 PM	9684	357	2.52	ND	ND	ND	ND	ND	ND	ND	1.6	163
12/16/18 09:30 PM	10091	357	2.71	ND	ND	ND	ND	ND	ND	ND	2.5	134
12/16/18 10:00 PM	10526	357	2.98	ND	ND	ND	ND	ND	ND	ND	1.8	169
12/16/18 10:30 PM	10896	355	2.61	ND	ND	ND	ND	ND	ND	ND	1.5	202
12/16/18 11:00 PM	10976	354	2.48	ND	ND	ND	ND	ND	ND	ND	2.8	113
12/16/18 11:30 PM	11089	354	2.57	ND	ND	ND	ND	ND	ND	ND	2.9	115
12/17/18 12:00 AM	11222	354	2.61	ND	ND	ND	ND	ND	ND	ND		

Daily Processed Summary (Average, Maximum)

Average	7190	359	2.61	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.6	87
Maximum Value	11222	371	3.91	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/17/18 12:30 AM	11486	351	2.44	ND	ND	ND	ND	ND	ND	ND	4.3	108
12/17/18 01:00 AM	11586	351	2.44	ND	ND	ND	ND	ND	ND	ND	3.6	147
12/17/18 01:30 AM	11815	352	2.49	ND	ND	ND	ND	ND	ND	ND	2.1	173
12/17/18 02:00 AM	11760	352	2.58	ND	ND	ND	ND	ND	ND	ND	3.2	293
12/17/18 02:30 AM	11688	352	2.51	ND	ND	ND	ND	ND	ND	ND	2.4	112
12/17/18 03:00 AM	11755	351	2.44	ND	ND	ND	ND	ND	ND	ND	4.4	238
12/17/18 03:30 AM	11720	353	2.56	ND	ND	ND	ND	ND	ND	ND	3.7	297
12/17/18 04:00 AM	11199	356	2.66	ND	ND	ND	ND	ND	ND	ND	3.6	330
12/17/18 04:30 AM	10980	354	2.99	ND	ND	ND	ND	ND	ND	ND	2.5	70
12/17/18 05:00 AM	10836	351	4.80	ND	ND	ND	ND	ND	ND	ND	2.2	63
12/17/18 05:30 AM	10710	349	4.85	ND	ND	ND	ND	ND	ND	ND	2.4	85
12/17/18 06:00 AM	10652	351	4.14	ND	ND	ND	ND	ND	ND	ND	2.4	66
12/17/18 06:30 AM	10507	353	3.89	ND	ND	ND	ND	ND	ND	ND	2.7	40
12/17/18 07:00 AM	10459	348	3.52	ND	ND	ND	ND	ND	ND	ND	1.5	95
12/17/18 07:30 AM	10310	352	4.94	ND	ND	ND	ND	ND	ND	ND	2.6	17
12/17/18 08:00 AM	10414	356	4.44	ND	ND	ND	ND	ND	ND	ND	2.7	31
12/17/18 08:30 AM	11064	358	5.91	ND	ND	ND	ND	ND	ND	ND	2.6	127
12/17/18 09:00 AM	11686	354	3.61	ND	ND	ND	ND	ND	ND	ND	3.0	84
12/17/18 09:30 AM	12166	352	2.91	ND	ND	ND	ND	ND	ND	ND	5.8	343
12/17/18 10:00 AM	12163	351	2.61	ND	ND	ND	ND	ND	ND	ND	4.6	284
12/17/18 10:30 AM	12774	351	2.61	ND	ND	ND	ND	ND	ND	ND	2.4	114
12/17/18 11:00 AM	13034	351	2.58	ND	ND	ND	ND	ND	ND	ND	4.0	277
12/17/18 11:30 AM	13039	350	2.39	ND	ND	ND	ND	ND	ND	ND	4.2	292
12/17/18 12:00 PM	13290	350	2.38	ND	ND	ND	ND	ND	ND	ND	2.7	265
12/17/18 12:30 PM	13357	349	2.22	ND	ND	ND	ND	ND	ND	ND	4.8	188
12/17/18 01:00 PM	13215	351	2.19	ND	ND	ND	ND	ND	ND	ND	5.0	198
12/17/18 01:30 PM	12331	351	2.10	ND	ND	ND	ND	ND	ND	ND	6.3	222
12/17/18 02:00 PM	11859	351	2.07	ND	ND	ND	ND	ND	ND	ND	5.7	220
12/17/18 02:30 PM	12487	351	2.08	ND	ND	ND	ND	ND	ND	ND	5.4	203
12/17/18 03:00 PM	11522	352	2.14	ND	ND	ND	ND	ND	ND	ND	5.5	216
12/17/18 03:30 PM	11357	353	2.15	ND	ND	ND	ND	ND	ND	ND	5.4	203
12/17/18 04:00 PM	11270	353	2.11	ND	ND	ND	ND	ND	ND	ND	3.5	160
12/17/18 04:30 PM	11870	351	2.10	ND	ND	ND	ND	ND	ND	ND	5.3	124
12/17/18 05:00 PM	12084	350	2.08	ND	ND	ND	ND	ND	ND	ND	6.9	120
12/17/18 05:30 PM	11792	351	2.08	ND	ND	ND	ND	ND	ND	ND	7.6	120
12/17/18 06:00 PM	11384	349	2.09	ND	ND	ND	ND	ND	ND	ND	7.6	127
12/17/18 06:30 PM	11187	349	2.10	ND	ND	ND	ND	ND	ND	ND	6.4	125
12/17/18 07:00 PM	11459	348	2.12	ND	ND	ND	ND	ND	ND	ND	6.7	125
12/17/18 07:30 PM	11972	348	2.10	ND	ND	ND	ND	ND	ND	ND	6.5	129
12/17/18 08:00 PM	12333	347	2.10	ND	ND	ND	ND	ND	ND	ND	6.2	125
12/17/18 08:30 PM	12512	346	2.09	ND	ND	ND	ND	ND	ND	ND	5.9	122
12/17/18 09:00 PM	12640	346	2.14	ND	ND	ND	ND	ND	ND	ND	6.2	121
12/17/18 09:30 PM	12783	344	2.10	ND	ND	ND	ND	ND	ND	ND	6.2	123
12/17/18 10:00 PM	13006	344	2.09	ND	ND	ND	ND	ND	ND	ND	5.8	122
12/17/18 10:30 PM	13100	343	2.10	ND	ND	ND	ND	ND	ND	ND	6.2	119
12/17/18 11:00 PM	12996	343	2.12	ND	ND	ND	ND	ND	ND	ND	6.3	116
12/17/18 11:30 PM	12802	343	2.11	ND	ND	ND	ND	ND	ND	ND	7.1	119
12/18/18 12:00 AM	12694	344	2.18	ND	ND	ND	ND	ND	ND	ND	6.3	108

## Daily Processed Summary (Average, Maximum)

Average	11898	350	2.70	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.2	137
Maximum Value	13357	358	5.91	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/18/18 12:30 AM	10357	257	2.17	ND	ND	ND	ND	ND	ND	ND	3.8	155
12/18/18 01:00 AM	9300	193	1.97	ND	ND	ND	ND	ND	ND	ND	2.7	98
12/18/18 01:30 AM	9407	212	1.84	ND	ND	ND	ND	ND	ND	ND	1.2	144
12/18/18 02:00 AM	7385	135	1.41	ND	ND	ND	ND	ND	ND	ND	2.2	150
12/18/18 02:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.7	59
12/18/18 03:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.1	130
12/18/18 03:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	1.6	285
12/18/18 04:00 AM	7969	248	2.65	ND	ND	ND	ND	ND	ND	ND	2.0	29
12/18/18 04:30 AM	7521	219	2.37	ND	ND	ND	ND	ND	ND	ND	2.8	26
12/18/18 05:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.8	30
12/18/18 05:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.4	22
12/18/18 06:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.2	34
12/18/18 06:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.2	19
12/18/18 07:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.7	35
12/18/18 07:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.3	58
12/18/18 08:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.3	61
12/18/18 08:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.3	55
12/18/18 09:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.9	51
12/18/18 09:30 AM	9940	204	1.75	ND	ND	ND	ND	ND	ND	ND	5.2	58
12/18/18 10:00 AM	12836	319	2.14	ND	ND	ND	ND	ND	ND	ND	6.6	55
12/18/18 10:30 AM	13578	341	2.17	ND	ND	ND	ND	ND	ND	ND	6.6	56
12/18/18 11:00 AM	14100	341	2.14	ND	ND	ND	ND	ND	ND	ND	7.4	69
12/18/18 11:30 AM	14257	342	2.19	ND	ND	ND	ND	ND	ND	ND	8.4	82
12/18/18 12:00 PM	14482	342	2.22	ND	ND	ND	ND	ND	ND	ND	7.9	87
12/18/18 12:30 PM	14749	342	2.11	ND	ND	ND	ND	ND	ND	ND	7.6	78
12/18/18 01:00 PM	14725	342	2.15	ND	ND	ND	ND	ND	ND	ND	9.0	93
12/18/18 01:30 PM	14617	343	2.09	ND	ND	ND	ND	ND	ND	ND	9.0	99
12/18/18 02:00 PM	14705	342	2.12	ND	ND	ND	ND	ND	ND	ND	11.9	97
12/18/18 02:30 PM	15190	342	2.12	ND	ND	ND	ND	ND	ND	ND	12.9	93
12/18/18 03:00 PM	15414	342	2.12	ND	ND	ND	ND	ND	ND	ND	12.4	97
12/18/18 03:30 PM	15383	341	2.12	ND	ND	ND	ND	ND	ND	ND	12.2	96
12/18/18 04:00 PM	15211	342	2.14	ND	ND	ND	ND	ND	ND	ND	12.6	93
12/18/18 04:30 PM	15167	342	2.13	ND	ND	ND	ND	ND	ND	ND	11.8	96
12/18/18 05:00 PM	15248	342	2.09	ND	ND	ND	ND	ND	ND	ND	11.0	98
12/18/18 05:30 PM	15328	343	2.09	ND	ND	ND	ND	ND	ND	ND	9.9	97
12/18/18 06:00 PM	15296	341	2.15	ND	ND	ND	ND	ND	ND	ND	10.6	96
12/18/18 06:30 PM	15248	339	2.15	ND	ND	ND	ND	ND	ND	ND	9.1	95
12/18/18 07:00 PM	9808	138	1.39	ND	ND	ND	ND	ND	ND	ND	10.0	82
12/18/18 07:30 PM	12106	206	1.76	ND	ND	ND	ND	ND	ND	ND	10.2	84
12/18/18 08:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	8.5	73
12/18/18 08:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.2	56
12/18/18 09:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.2	74
12/18/18 09:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.2	73
12/18/18 10:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	8.0	75
12/18/18 10:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.0	75
12/18/18 11:00 PM	9933	153	1.37	ND	ND	ND	ND	ND	ND	ND	7.9	83
12/18/18 11:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	9.0	73
12/19/18 12:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	9.0	74

## Daily Processed Summary (Average, Maximum)

Average	12831	289	2.04	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.3	81
Maximum Value	15414	343	2.65	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	COH6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VOL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/19/18 12:30 AM	11896	209	1.73	ND	ND	ND	ND	ND	ND	ND	7.6	80
12/19/18 01:00 AM	12729	236	1.86	ND	ND	ND	ND	ND	ND	ND	6.7	76
12/19/18 01:30 AM	13147	250	1.96	ND	ND	ND	ND	ND	ND	ND	5.9	72
12/19/18 02:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.9	77
12/19/18 02:30 AM	13242	263	1.98	ND	ND	ND	ND	ND	ND	ND	5.4	68
12/19/18 03:00 AM	13172	261	1.97	ND	ND	ND	ND	ND	ND	ND	6.0	77
12/19/18 03:30 AM	11690	195	1.80	ND	ND	ND	ND	ND	ND	ND	4.2	84
12/19/18 04:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.3	46
12/19/18 04:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.7	35
12/19/18 05:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.4	192
12/19/18 05:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.1	239
12/19/18 06:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.7	6
12/19/18 06:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.2	27
12/19/18 07:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.3	15
12/19/18 07:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.5	351
12/19/18 08:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.2	344
12/19/18 08:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.5	317
12/19/18 09:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.7	301
12/19/18 09:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.2	307
12/19/18 10:00 AM	12083	200	1.72	ND	ND	ND	ND	ND	ND	ND	5.4	318
12/19/18 10:30 AM	12853	234	1.83	ND	ND	ND	ND	ND	ND	ND	5.7	325
12/19/18 11:00 AM	13978	272	1.96	ND	ND	ND	ND	ND	ND	ND	5.7	317
12/19/18 11:30 AM	14517	304	2.02	ND	ND	ND	ND	ND	ND	ND	6.2	329
12/19/18 12:00 PM	14838	325	2.10	ND	ND	ND	ND	ND	ND	ND	5.3	332
12/19/18 12:30 PM	14757	336	2.11	ND	ND	ND	ND	ND	ND	ND	5.1	282
12/19/18 01:00 PM	14668	343	2.16	ND	ND	ND	ND	ND	ND	ND	5.9	322
12/19/18 01:30 PM	14917	347	2.13	ND	ND	ND	ND	ND	ND	ND	6.2	343
12/19/18 02:00 PM	14464	349	2.07	ND	ND	ND	ND	ND	ND	ND	4.9	72
12/19/18 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.5	178
12/19/18 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.1	19
12/19/18 03:30 PM	14198	350	2.09	ND	ND	ND	ND	ND	ND	ND	5.3	302
12/19/18 04:00 PM	14279	352	2.09	ND	ND	ND	ND	ND	ND	ND	6.1	27
12/19/18 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.8	47
12/19/18 05:00 PM	14416	351	2.13	ND	ND	ND	ND	ND	ND	ND	4.9	62
12/19/18 05:30 PM	14513	350	2.13	ND	ND	ND	ND	ND	ND	ND	4.7	55
12/19/18 06:00 PM	14492	351	2.14	ND	ND	ND	ND	ND	ND	ND	5.2	51
12/19/18 06:30 PM	14551	350	2.16	ND	ND	ND	ND	ND	ND	ND	3.7	61
12/19/18 07:00 PM	14371	350	2.17	ND	ND	ND	ND	ND	ND	ND	3.8	68
12/19/18 07:30 PM	14186	350	2.17	ND	ND	ND	ND	ND	ND	ND	4.7	87
12/19/18 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.3	65
12/19/18 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.4	74
12/19/18 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.8	79
12/19/18 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.1	77
12/19/18 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.0	41
12/19/18 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.3	60
12/19/18 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.4	24
12/19/18 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline		
12/19/18 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline		

## Daily Processed Summary (Average, Maximum)

Average	13824	301	2.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.9	28
Maximum Value	14917	352	2.17	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	CGH5_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/20/18 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.9	225
12/20/18 01:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.1	321
12/20/18 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.5	192
12/20/18 02:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.6	307
12/20/18 02:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.6	270
12/20/18 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.1	290
12/20/18 03:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.1	297
12/20/18 04:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.9	292
12/20/18 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.7	305
12/20/18 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.1	302
12/20/18 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.2	315
12/20/18 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.7	314
12/20/18 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.9	323
12/20/18 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.8	325
12/20/18 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.4	321
12/20/18 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.5	324
12/20/18 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.8	324
12/20/18 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	16.6	324
12/20/18 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	18.2	326
12/20/18 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	18.2	330
12/20/18 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	19.6	334
12/20/18 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	19.6	336
12/20/18 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	20.1	331
12/20/18 12:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	22.4	322
12/20/18 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	22.3	318
12/20/18 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	26.2	318
12/20/18 01:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	26.3	320
12/20/18 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	26.9	325
12/20/18 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	25.1	327
12/20/18 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	25.3	322
12/20/18 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	27.2	322
12/20/18 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	25.9	325
12/20/18 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	21.6	324
12/20/18 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	19.6	323
12/20/18 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.6	319
12/20/18 06:00 PM	6159	413	0.13	ND	ND	ND	ND	ND	ND	ND	10.1	308
12/20/18 06:30 PM	6035	412	0.13	ND	ND	ND	ND	ND	ND	ND	12.5	305
12/20/18 07:00 PM	5653	413	0.13	ND	ND	ND	ND	ND	ND	ND	13.7	305
12/20/18 07:30 PM	5579	413	0.13	ND	ND	ND	ND	ND	ND	ND	12.5	308
12/20/18 08:00 PM	5737	411	0.13	ND	ND	ND	ND	ND	ND	ND	11.3	307
12/20/18 08:30 PM	5883	408	0.13	ND	ND	ND	ND	ND	ND	ND	11.1	305
12/20/18 09:00 PM	5740	407	0.13	ND	ND	ND	ND	ND	ND	ND	11.6	305
12/20/18 09:30 PM	5917	406	0.13	ND	ND	ND	ND	ND	ND	ND	9.6	297
12/20/18 10:00 PM	6341	402	0.13	ND	ND	ND	ND	ND	ND	ND	7.0	281
12/20/18 10:30 PM	6405	400	0.13	ND	ND	ND	ND	ND	ND	ND	9.1	277
12/20/18 11:00 PM	6098	401	0.14	ND	ND	ND	ND	ND	ND	ND	9.6	287
12/20/18 11:30 PM	6051	400	0.14	ND	ND	ND	ND	ND	ND	ND	8.3	288
12/21/18 12:00 AM	5992	401	0.14	ND	ND	ND	ND	ND	ND	ND	8.3	285

## Daily Processed Summary (Average, Maximum)

Average	5969	407	0.13	BDL	BDL	BDL	BDL	BDL	BDL	BDL	13.6	316
Maximum Value	6405	413	0.14	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	COH6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/21/18 12:30 AM	6109	400	0.14	ND	ND	ND	ND	ND	ND	ND	9.1	280
12/21/18 01:00 AM	5959	399	0.14	ND	ND	ND	ND	ND	ND	ND	9.0	288
12/21/18 01:30 AM	5918	398	0.14	ND	ND	ND	ND	ND	ND	ND	7.8	295
12/21/18 02:00 AM	6002	396	0.14	ND	ND	ND	ND	ND	ND	ND	6.7	297
12/21/18 02:30 AM	5751	396	0.14	ND	ND	ND	ND	ND	ND	ND	8.1	306
12/21/18 03:00 AM	5669	397	0.14	ND	ND	ND	ND	ND	ND	ND	7.3	310
12/21/18 03:30 AM	5715	396	0.14	ND	ND	ND	ND	ND	ND	ND	6.8	312
12/21/18 04:00 AM	5727	396	0.14	ND	ND	ND	ND	ND	ND	ND	6.4	299
12/21/18 04:30 AM	5674	397	0.15	ND	ND	ND	ND	ND	ND	ND	6.6	291
12/21/18 05:00 AM	5733	396	0.15	ND	ND	ND	ND	ND	ND	ND	6.4	286
12/21/18 05:30 AM	5894	395	0.15	ND	ND	ND	ND	ND	ND	ND	5.9	283
12/21/18 06:00 AM	5757	395	0.16	ND	ND	ND	ND	ND	ND	ND	6.3	303
12/21/18 06:30 AM	5756	393	0.16	ND	ND	ND	ND	ND	ND	ND	8.7	324
12/21/18 07:00 AM	5580	395	0.16	ND	ND	ND	ND	ND	ND	ND	8.1	320
12/21/18 07:30 AM	5512	395	0.15	ND	ND	ND	ND	ND	ND	ND	8.2	322
12/21/18 08:00 AM	5563	399	0.15	ND	ND	ND	ND	ND	ND	ND	6.3	293
12/21/18 08:30 AM	5824	405	0.15	ND	ND	ND	ND	ND	ND	ND	6.6	276
12/21/18 09:00 AM	5684	407	0.15	ND	ND	ND	ND	ND	ND	ND	7.0	284
12/21/18 09:30 AM	5526	403	0.14	ND	ND	ND	ND	ND	ND	ND	8.4	290
12/21/18 10:00 AM	5306	400	0.14	ND	ND	ND	ND	ND	ND	ND	9.2	306
12/21/18 10:30 AM	5234	398	0.14	ND	ND	ND	ND	ND	ND	ND	8.6	316
12/21/18 11:00 AM	5059	401	0.13	ND	ND	ND	ND	ND	ND	ND	9.3	332
12/21/18 11:30 AM	5148	402	0.13	ND	ND	ND	ND	ND	ND	ND	8.8	323
12/21/18 12:00 PM	5084	404	0.13	ND	ND	ND	ND	ND	ND	ND	8.0	321
12/21/18 12:30 PM	5004	406	0.13	ND	ND	ND	ND	ND	ND	ND	7.7	321
12/21/18 01:00 PM	4931	408	0.13	ND	ND	ND	ND	ND	ND	ND	6.6	324
12/21/18 01:30 PM	4769	411	0.13	ND	ND	ND	ND	ND	ND	ND	7.7	321
12/21/18 02:00 PM	5120	408	0.13	ND	ND	ND	ND	ND	ND	ND	5.9	293
12/21/18 02:30 PM	4889	410	0.13	ND	ND	ND	ND	ND	ND	ND	5.3	268
12/21/18 03:00 PM	4802	414	0.13	ND	ND	ND	ND	ND	ND	ND	4.9	239
12/21/18 03:30 PM	4863	418	0.13	ND	ND	ND	ND	ND	ND	ND	5.3	230
12/21/18 04:00 PM	5047	418	0.13	ND	ND	ND	ND	ND	ND	ND	5.5	210
12/21/18 04:30 PM	4986	420	0.13	ND	ND	ND	ND	ND	ND	ND	3.2	203
12/21/18 05:00 PM	5058	422	0.14	ND	ND	ND	ND	ND	ND	ND	3.8	185
12/21/18 05:30 PM	5873	418	0.16	ND	ND	ND	ND	ND	ND	ND	6.6	174
12/21/18 06:00 PM	7438	409	0.14	ND	ND	ND	ND	ND	ND	ND	7.6	180
12/21/18 06:30 PM	7798	405	0.14	ND	ND	ND	ND	ND	ND	ND	7.2	178
12/21/18 07:00 PM	8229	401	0.14	ND	ND	ND	ND	ND	ND	ND	7.0	181
12/21/18 07:30 PM	7703	401	0.14	ND	ND	ND	ND	ND	ND	ND	6.3	179
12/21/18 08:00 PM	7693	400	0.13	ND	ND	ND	ND	ND	ND	ND	6.3	182
12/21/18 08:30 PM	8285	397	0.14	ND	ND	ND	ND	ND	ND	ND	8.3	176
12/21/18 09:00 PM	9019	392	0.13	ND	ND	ND	ND	ND	ND	ND	8.1	180
12/21/18 09:30 PM	8993	391	0.13	ND	ND	ND	ND	ND	ND	ND	8.9	179
12/21/18 10:00 PM	8695	392	0.13	ND	ND	ND	ND	ND	ND	ND	9.0	179
12/21/18 10:30 PM	8622	391	0.13	ND	ND	ND	ND	ND	ND	ND	9.4	177
12/21/18 11:00 PM	8981	389	0.13	ND	ND	ND	ND	ND	ND	ND	9.8	175
12/21/18 11:30 PM	9234	388	0.13	ND	ND	ND	ND	ND	ND	ND	9.7	177
12/22/18 12:00 AM	9332	387	0.13	ND	ND	ND	ND	ND	ND	ND	10.2	177

Daily Processed Summary (Average, Maximum)

Average	6261	401	0.14	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.8	265
Maximum Value	9332	422	0.16	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected



Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/22/18 12:30 AM	9521	385	2.11	ND	ND	ND	ND	ND	ND	ND	9.9	177
12/22/18 01:00 AM	9901	384	2.13	ND	ND	ND	ND	ND	ND	ND	8.9	177
12/22/18 01:30 AM	10313	383	2.15	ND	ND	ND	ND	ND	ND	ND	8.9	176
12/22/18 02:00 AM	10688	381	2.15	ND	ND	ND	ND	ND	ND	ND	8.9	177
12/22/18 02:30 AM	10878	381	2.11	ND	ND	ND	ND	ND	ND	ND	9.8	177
12/22/18 03:00 AM	10991	381	2.11	ND	ND	ND	ND	ND	ND	ND	9.8	176
12/22/18 03:30 AM	11122	380	2.13	ND	ND	ND	ND	ND	ND	ND	8.4	180
12/22/18 04:00 AM	11446	378	2.11	ND	ND	ND	ND	ND	ND	ND	6.9	185
12/22/18 04:30 AM	11569	376	2.10	ND	ND	ND	ND	ND	ND	ND	6.0	200
12/22/18 05:00 AM	11633	375	2.11	ND	ND	ND	ND	ND	ND	ND	4.8	183
12/22/18 05:30 AM	11614	375	2.12	ND	ND	ND	ND	ND	ND	ND	6.0	181
12/22/18 06:00 AM	12057	370	2.08	ND	ND	ND	ND	ND	ND	ND	7.2	190
12/22/18 06:30 AM	12239	369	2.06	ND	ND	ND	ND	ND	ND	ND	7.6	190
12/22/18 07:00 AM	12154	371	2.07	ND	ND	ND	ND	ND	ND	ND	7.7	191
12/22/18 07:30 AM	12081	371	2.08	ND	ND	ND	ND	ND	ND	ND	7.0	191
12/22/18 08:00 AM	12147	373	2.10	ND	ND	ND	ND	ND	ND	ND	5.3	196
12/22/18 08:30 AM	12360	378	2.11	ND	ND	ND	ND	ND	ND	ND	6.0	195
12/22/18 09:00 AM	12631	377	2.08	ND	ND	ND	ND	ND	ND	ND	8.2	195
12/22/18 09:30 AM	13011	373	2.07	ND	ND	ND	ND	ND	ND	ND	9.9	195
12/22/18 10:00 AM	13883	371	2.06	ND	ND	ND	ND	ND	ND	ND	8.8	204
12/22/18 10:30 AM	13659	372	2.05	ND	ND	ND	ND	ND	ND	ND	11.6	202
12/22/18 11:00 AM	13248	374	2.05	ND	ND	ND	ND	ND	ND	ND	15.1	199
12/22/18 11:30 AM	13098	376	2.06	ND	ND	ND	ND	ND	ND	ND	15.5	199
12/22/18 12:00 PM	12772	379	2.06	ND	ND	ND	ND	ND	ND	ND	17.2	197
12/22/18 12:30 PM	12596	380	2.07	ND	ND	ND	ND	ND	ND	ND	16.7	198
12/22/18 01:00 PM	12822	378	2.07	ND	ND	ND	ND	ND	ND	ND	15.4	196
12/22/18 01:30 PM	12994	378	2.07	ND	ND	ND	ND	ND	ND	ND	15.8	200
12/22/18 02:00 PM	13520	377	2.06	ND	ND	ND	ND	ND	ND	ND	16.1	202
12/22/18 02:30 PM	14075	374	2.04	ND	ND	ND	ND	ND	ND	ND	15.1	198
12/22/18 03:00 PM	14427	374	2.05	ND	ND	ND	ND	ND	ND	ND	14.3	198
12/22/18 03:30 PM	14777	374	2.06	ND	ND	ND	ND	ND	ND	ND	13.5	196
12/22/18 04:00 PM	15155	374	2.05	ND	ND	ND	ND	ND	ND	ND	12.6	194
12/22/18 04:30 PM	15243	375	2.05	ND	ND	ND	ND	ND	ND	ND	11.4	191
12/22/18 05:00 PM	15249	375	2.06	ND	ND	ND	ND	ND	ND	ND	11.6	187
12/22/18 05:30 PM	15524	374	2.05	ND	ND	ND	ND	ND	ND	ND	11.5	185
12/22/18 06:00 PM	15864	372	2.04	ND	ND	ND	ND	ND	ND	ND	10.1	188
12/22/18 06:30 PM	16142	369	2.04	ND	ND	ND	ND	ND	ND	ND	9.5	186
12/22/18 07:00 PM	16383	367	2.03	ND	ND	ND	ND	ND	ND	ND	9.1	185
12/22/18 07:30 PM	16390	365	2.04	ND	ND	ND	ND	ND	ND	ND	8.9	185
12/22/18 08:00 PM	16420	363	2.02	ND	ND	ND	ND	ND	ND	ND	9.0	185
12/22/18 08:30 PM	16389	363	2.02	ND	ND	ND	ND	ND	ND	ND	8.3	184
12/22/18 09:00 PM	16451	362	2.03	ND	ND	ND	ND	ND	ND	ND	9.2	182
12/22/18 09:30 PM	16550	361	2.04	ND	ND	ND	ND	ND	ND	ND	9.1	180
12/22/18 10:00 PM	16609	360	2.03	ND	ND	ND	ND	ND	ND	ND	10.3	186
12/22/18 10:30 PM	16665	360	2.01	ND	ND	ND	ND	ND	ND	ND	10.1	188
12/22/18 11:00 PM	16626	358	2.00	ND	ND	ND	ND	ND	ND	ND	9.3	189
12/22/18 11:30 PM	16644	357	2.00	ND	ND	ND	ND	ND	ND	ND	8.1	192
12/23/18 12:00 AM	16523	355	1.99	ND	ND	ND	ND	ND	ND	ND	6.3	193

Daily Processed Summary (Average, Maximum)

Average	13646	372	2.07	BDL	BDL	BDL	BDL	BDL	BDL	BDL	10.0	191
Maximum Value	16665	385	2.15	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	CGH6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/23/18 12:30 AM	16183	353	1.99	ND	ND	ND	ND	ND	ND	ND	3.2	198
12/23/18 01:00 AM	15792	344	2.01	ND	ND	ND	ND	ND	ND	ND	2.6	297
12/23/18 01:30 AM	15741	345	1.98	ND	ND	ND	ND	ND	ND	ND	3.6	220
12/23/18 02:00 AM	15045	298	1.93	ND	ND	ND	ND	ND	ND	ND	1.8	246
12/23/18 02:30 AM	13382	199	1.83	ND	ND	ND	ND	ND	ND	ND	1.7	283
12/23/18 03:00 AM	10288	140	1.55	ND	ND	ND	ND	ND	ND	ND	1.6	70
12/23/18 03:30 AM	11224	166	1.97	ND	ND	ND	ND	ND	ND	ND	1.5	185
12/23/18 04:00 AM	9504	127	1.55	ND	ND	ND	ND	ND	ND	ND	3.0	179
12/23/18 04:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.2	200
12/23/18 05:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.8	187
12/23/18 05:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.0	184
12/23/18 06:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.9	178
12/23/18 06:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.9	185
12/23/18 07:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.7	183
12/23/18 07:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.5	60
12/23/18 08:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.5	12
12/23/18 08:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.2	8
12/23/18 09:00 AM	10915	176	1.67	ND	ND	ND	ND	ND	ND	ND	8.8	18
12/23/18 09:30 AM	13056	267	1.98	ND	ND	ND	ND	ND	ND	ND	10.6	12
12/23/18 10:00 AM	13908	352	2.22	ND	ND	ND	ND	ND	ND	ND	11.6	17
12/23/18 10:30 AM	12696	380	2.29	ND	ND	ND	ND	ND	ND	ND	11.6	8
12/23/18 11:00 AM	11303	388	2.36	ND	ND	ND	ND	ND	ND	ND	11.8	11
12/23/18 11:30 AM	10600	393	2.36	ND	ND	ND	ND	ND	ND	ND	14.2	12
12/23/18 12:00 PM	10064	393	2.36	ND	ND	ND	ND	ND	ND	ND	13.5	21
12/23/18 12:30 PM	9982	395	2.41	ND	ND	ND	ND	ND	ND	ND	12.9	23
12/23/18 01:00 PM	9717	394	2.31	ND	ND	ND	ND	ND	ND	ND	13.6	21
12/23/18 01:30 PM	9009	395	2.30	ND	ND	ND	ND	ND	ND	ND	13.2	25
12/23/18 02:00 PM	8667	394	2.29	ND	ND	ND	ND	ND	ND	ND	13.3	17
12/23/18 02:30 PM	8451	394	2.27	ND	ND	ND	ND	ND	ND	ND	13.0	20
12/23/18 03:00 PM	8354	398	2.36	ND	ND	ND	ND	ND	ND	ND	12.6	23
12/23/18 03:30 PM	8493	399	2.28	ND	ND	ND	ND	ND	ND	ND	11.9	24
12/23/18 04:00 PM	8619	400	2.27	ND	ND	ND	ND	ND	ND	ND	12.9	16
12/23/18 04:30 PM	8830	401	2.31	ND	ND	ND	ND	ND	ND	ND	12.7	11
12/23/18 05:00 PM	8722	402	2.33	ND	ND	ND	ND	ND	ND	ND	11.9	10
12/23/18 05:30 PM	8750	403	2.35	ND	ND	ND	ND	ND	ND	ND	9.3	7
12/23/18 06:00 PM	8864	403	2.40	ND	ND	ND	ND	ND	ND	ND	7.3	3
12/23/18 06:30 PM	8783	402	2.40	ND	ND	ND	ND	ND	ND	ND	7.0	239
12/23/18 07:00 PM	8439	401	2.36	ND	ND	ND	ND	ND	ND	ND	8.7	3
12/23/18 07:30 PM	8155	400	2.33	ND	ND	ND	ND	ND	ND	ND	9.6	9
12/23/18 08:00 PM	8293	398	2.33	ND	ND	ND	ND	ND	ND	ND	8.0	16
12/23/18 08:30 PM	8493	396	2.40	ND	ND	ND	ND	ND	ND	ND	7.0	15
12/23/18 09:00 PM	8599	393	2.43	ND	ND	ND	ND	ND	ND	ND	6.9	16
12/23/18 09:30 PM	8647	393	2.99	ND	ND	ND	ND	ND	ND	ND	6.3	21
12/23/18 10:00 PM	8602	392	4.32	ND	ND	ND	ND	ND	ND	ND	5.8	18
12/23/18 10:30 PM	8556	391	2.59	ND	ND	ND	ND	ND	ND	ND	5.5	22
12/23/18 11:00 PM	8467	390	2.61	ND	ND	ND	ND	ND	ND	ND	5.5	23
12/23/18 11:30 PM	8398	389	2.68	ND	ND	ND	ND	ND	ND	ND	5.5	18
12/24/18 12:00 AM	8428	390	2.45	ND	ND	ND	ND	ND	ND	ND	4.0	11

## Daily Processed Summary (Average, Maximum)

Average	10206	355	2.30	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.8	15
Maximum Value	16183	403	4.32	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/24/18 12:30 AM	8535	390	0.16	ND	ND	ND	ND	ND	ND	ND	3.8	9
12/24/18 01:00 AM	8502	388	0.16	ND	ND	ND	ND	ND	ND	ND	4.5	10
12/24/18 01:30 AM	8353	388	0.16	ND	ND	ND	ND	ND	ND	ND	4.9	67
12/24/18 02:00 AM	8346	387	0.18	ND	ND	ND	ND	ND	ND	ND	4.4	34
12/24/18 02:30 AM	8298	386	0.19	ND	ND	ND	ND	ND	ND	ND	4.9	27
12/24/18 03:00 AM	8214	386	0.19	ND	ND	ND	ND	ND	ND	ND	5.2	27
12/24/18 03:30 AM	8212	385	0.19	ND	ND	ND	ND	ND	ND	ND	4.6	16
12/24/18 04:00 AM	8173	385	0.17	ND	ND	ND	ND	ND	ND	ND	3.8	128
12/24/18 04:30 AM	8133	383	0.17	ND	ND	ND	ND	ND	ND	ND	3.2	295
12/24/18 05:00 AM	8127	384	0.18	ND	ND	ND	ND	ND	ND	ND	4.6	128
12/24/18 05:30 AM	8171	383	0.20	ND	ND	ND	ND	ND	ND	ND	6.3	33
12/24/18 06:00 AM	8261	381	0.20	ND	ND	ND	ND	ND	ND	ND	6.7	186
12/24/18 06:30 AM	8376	380	0.22	ND	ND	ND	ND	ND	ND	ND	6.1	125
12/24/18 07:00 AM	8572	380	0.21	ND	ND	ND	ND	ND	ND	ND	6.5	19
12/24/18 07:30 AM	8630	381	0.22	ND	ND	ND	ND	ND	ND	ND	6.0	32
12/24/18 08:00 AM	8644	382	0.21	ND	ND	ND	ND	ND	ND	ND	5.7	41
12/24/18 08:30 AM	8955	386	0.22	ND	ND	ND	ND	ND	ND	ND	6.2	45
12/24/18 09:00 AM	9384	389	0.22	ND	ND	ND	ND	ND	ND	ND	7.7	55
12/24/18 09:30 AM	10087	386	0.21	ND	ND	ND	ND	ND	ND	ND	6.6	57
12/24/18 10:00 AM	10967	380	0.20	ND	ND	ND	ND	ND	ND	ND	7.2	64
12/24/18 10:30 AM	12329	371	0.19	ND	ND	ND	ND	ND	ND	ND	8.5	88
12/24/18 11:00 AM	12810	373	0.18	ND	ND	ND	ND	ND	ND	ND	8.6	91
12/24/18 11:30 AM	13491	375	0.18	ND	ND	ND	ND	ND	ND	ND	8.6	88
12/24/18 12:00 PM	14519	373	0.17	ND	ND	ND	ND	ND	ND	ND	9.6	106
12/24/18 12:30 PM	15136	371	0.16	ND	ND	ND	ND	ND	ND	ND	12.1	113
12/24/18 01:00 PM	15522	370	0.15	ND	ND	ND	ND	ND	ND	ND	12.1	112
12/24/18 01:30 PM	15775	369	0.15	ND	ND	ND	ND	ND	ND	ND	12.0	126
12/24/18 02:00 PM	15947	369	0.16	ND	ND	ND	ND	ND	ND	ND	13.3	122
12/24/18 02:30 PM	16143	368	0.16	ND	ND	ND	ND	ND	ND	ND	12.6	120
12/24/18 03:00 PM	16473	370	0.16	ND	ND	ND	ND	ND	ND	ND	11.5	120
12/24/18 03:30 PM	16748	370	0.15	ND	ND	ND	ND	ND	ND	ND	9.9	124
12/24/18 04:00 PM	16892	369	0.15	ND	ND	ND	ND	ND	ND	ND	10.0	112
12/24/18 04:30 PM	17072	368	0.15	ND	ND	ND	ND	ND	ND	ND	10.2	121
12/24/18 05:00 PM	17108	368	0.15	ND	ND	ND	ND	ND	ND	ND	9.2	118
12/24/18 05:30 PM	17026	365	0.15	ND	ND	ND	ND	ND	ND	ND	7.9	119
12/24/18 06:00 PM	16958	363	0.15	ND	ND	ND	ND	ND	ND	ND	7.4	119
12/24/18 06:30 PM	16758	358	0.15	ND	ND	ND	ND	ND	ND	ND	7.8	119
12/24/18 07:00 PM	16473	355	0.14	ND	ND	ND	ND	ND	ND	ND	7.1	116
12/24/18 07:30 PM	16240	352	0.14	ND	ND	ND	ND	ND	0.00285	ND	6.0	111
12/24/18 08:00 PM	15883	349	0.14	ND	ND	ND	ND	ND	ND	ND	5.0	104
12/24/18 08:30 PM	15367	346	0.14	ND	ND	ND	ND	ND	ND	ND	4.9	97
12/24/18 09:00 PM	15280	342	0.13	ND	ND	ND	ND	ND	ND	ND	6.8	119
12/24/18 09:30 PM	15707	348	0.12	ND	ND	ND	ND	ND	ND	ND	8.4	128
12/24/18 10:00 PM	15862	354	0.11	ND	ND	ND	ND	ND	ND	ND	9.0	124
12/24/18 10:30 PM	16204	354	0.11	ND	ND	ND	ND	ND	ND	ND	9.4	128
12/24/18 11:00 PM	16475	355	0.11	ND	ND	ND	ND	ND	ND	ND	9.1	136
12/24/18 11:30 PM	16505	367	0.16	ND	ND	ND	ND	ND	ND	ND	11.4	153
12/25/18 12:00 AM	16515	366	0.15	ND	ND	ND	ND	ND	ND	ND	12.2	165

## Daily Processed Summary (Average, Maximum)

Average	12837	372	0.17	BDL	BDL	BDL	BDL	BDL	0.00006	BDL	5.9	105
Maximum Value	17108	390	0.22	BDL	BDL	BDL	BDL	BDL	0.00285	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C7H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/25/18 12:30 AM	16873	363	0.13	ND	ND	ND	ND	ND	ND	ND	12.2	165
12/25/18 01:00 AM	17069	365	0.14	ND	ND	ND	ND	ND	ND	ND	10.7	164
12/25/18 01:30 AM	16837	362	0.12	ND	ND	ND	ND	ND	ND	ND	10.0	176
12/25/18 02:00 AM	16633	359	0.11	ND	ND	ND	ND	ND	ND	ND	7.2	186
12/25/18 02:30 AM	16632	357	0.11	ND	ND	ND	ND	ND	ND	ND	5.6	197
12/25/18 03:00 AM	16772	355	0.11	ND	ND	ND	ND	ND	ND	ND	5.9	192
12/25/18 03:30 AM	16866	354	0.11	ND	ND	ND	ND	ND	ND	ND	6.7	184
12/25/18 04:00 AM	16899	356	0.11	ND	ND	ND	ND	ND	ND	ND	6.6	179
12/25/18 04:30 AM	16812	359	0.11	ND	ND	ND	ND	ND	ND	ND	4.6	124
12/25/18 05:00 AM	16662	357	0.12	ND	ND	ND	ND	ND	ND	ND	4.5	109
12/25/18 05:30 AM	16543	352	0.12	ND	ND	ND	ND	ND	ND	ND	4.3	108
12/25/18 06:00 AM	16514	352	0.12	ND	ND	ND	ND	ND	ND	ND	4.5	102
12/25/18 06:30 AM	16459	353	0.11	ND	ND	ND	ND	ND	ND	ND	5.6	101
12/25/18 07:00 AM	16716	352	0.11	ND	ND	ND	ND	ND	ND	ND	6.5	111
12/25/18 07:30 AM	16808	353	0.11	ND	ND	ND	ND	ND	ND	ND	6.8	101
12/25/18 08:00 AM	16920	352	0.11	ND	ND	ND	ND	ND	ND	ND	6.2	103
12/25/18 08:30 AM	17131	352	0.11	ND	ND	ND	ND	ND	ND	ND	6.0	108
12/25/18 09:00 AM	17373	353	0.11	ND	ND	ND	ND	ND	ND	ND	6.2	112
12/25/18 09:30 AM	17636	354	0.11	ND	ND	ND	ND	ND	ND	ND	6.2	115
12/25/18 10:00 AM	17989	355	0.11	ND	ND	ND	ND	ND	ND	ND	7.3	119
12/25/18 10:30 AM	18067	358	0.11	ND	ND	ND	ND	ND	ND	ND	9.3	121
12/25/18 11:00 AM	18002	361	0.11	ND	ND	ND	ND	ND	ND	ND	12.1	134
12/25/18 11:30 AM	17851	362	0.11	ND	ND	ND	ND	ND	ND	ND	14.3	141
12/25/18 12:00 PM	17844	368	0.11	ND	ND	ND	ND	ND	ND	ND	14.1	147
12/25/18 12:30 PM	17844	372	0.11	ND	ND	ND	ND	ND	ND	ND	14.2	149
12/25/18 01:00 PM	17658	371	0.11	ND	ND	ND	ND	ND	ND	ND	14.3	147
12/25/18 01:30 PM	17371	370	0.11	ND	ND	ND	ND	ND	ND	ND	15.3	146
12/25/18 02:00 PM	17583	366	0.11	ND	ND	ND	ND	ND	ND	ND	17.7	144
12/25/18 02:30 PM	17314	365	0.11	ND	ND	ND	ND	ND	ND	ND	18.1	147
12/25/18 03:00 PM	17107	365	0.11	ND	ND	ND	ND	ND	ND	ND	15.5	135
12/25/18 03:30 PM	17115	366	0.11	ND	ND	ND	ND	ND	ND	ND	16.2	134
12/25/18 04:00 PM	17468	364	0.11	ND	ND	ND	ND	ND	ND	ND	15.3	136
12/25/18 04:30 PM	17427	363	0.11	ND	ND	ND	ND	ND	ND	ND	14.4	134
12/25/18 05:00 PM	17539	362	0.11	ND	ND	ND	ND	ND	ND	ND	14.3	144
12/25/18 05:30 PM	17579	360	0.11	ND	ND	ND	ND	ND	ND	ND	12.8	141
12/25/18 06:00 PM	17614	358	0.11	ND	ND	ND	ND	ND	ND	ND	10.5	131
12/25/18 06:30 PM	17664	356	0.11	ND	ND	ND	ND	ND	ND	ND	10.6	127
12/25/18 07:00 PM	17497	354	0.11	ND	ND	ND	ND	ND	ND	ND	10.3	112
12/25/18 07:30 PM	17247	350	0.11	ND	ND	ND	ND	ND	ND	ND	9.4	109
12/25/18 08:00 PM	17083	351	0.11	ND	ND	ND	ND	ND	ND	ND	8.9	117
12/25/18 08:30 PM	17029	353	0.11	ND	ND	ND	ND	ND	ND	ND	10.5	119
12/25/18 09:00 PM	16932	354	0.11	ND	ND	ND	ND	ND	ND	ND	10.0	124
12/25/18 09:30 PM	16935	355	0.11	ND	ND	ND	ND	ND	ND	ND	9.3	116
12/25/18 10:00 PM	16883	353	0.11	ND	ND	ND	ND	ND	ND	ND	8.4	114
12/25/18 10:30 PM	16881	352	0.11	ND	ND	ND	ND	ND	ND	ND	8.7	109
12/25/18 11:00 PM	16913	351	0.10	ND	ND	ND	ND	ND	ND	ND	8.5	110
12/25/18 11:30 PM	16883	350	0.10	ND	ND	ND	ND	ND	ND	ND	8.4	112
12/26/18 12:00 AM	14177	3128	58.65	ND	ND	ND	ND	ND	ND	ND	9.1	110

## Daily Processed Summary (Average, Maximum)

Average	17118	416	1.33	BDL	BDL	BDL	BDL	BDL	BDL	BDL	9.2	135
Maximum Value	18067	3128	58.65	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	CH6 (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/26/18 12:30 AM	0	16997	350.57	ND	ND	ND	ND	ND	ND	ND	9.7	106
12/26/18 01:00 AM	0	17043	348.73	ND	ND	ND	ND	ND	ND	ND	9.7	105
12/26/18 01:30 AM	0	16974	347.23	ND	ND	ND	ND	ND	ND	ND	9.9	106
12/26/18 02:00 AM	0	17026	346.52	ND	ND	ND	ND	ND	ND	ND	9.8	102
12/26/18 02:30 AM	0	17184	345.74	ND	ND	ND	ND	ND	ND	ND	9.4	110
12/26/18 03:00 AM	0	17392	346.39	ND	ND	ND	ND	ND	ND	ND	10.3	106
12/26/18 03:30 AM	0	17487	347.23	ND	ND	ND	ND	ND	ND	ND	10.9	112
12/26/18 04:00 AM	0	17579	347.80	ND	ND	ND	ND	ND	ND	ND	10.5	113
12/26/18 04:30 AM	0	17669	347.80	ND	ND	ND	ND	ND	ND	ND	10.6	110
12/26/18 05:00 AM	0	17532	341.94	ND	ND	ND	ND	ND	ND	ND	10.4	111
12/26/18 05:30 AM	0	17583	345.47	ND	ND	ND	ND	ND	ND	ND	11.8	112
12/26/18 06:00 AM	0	17648	345.11	ND	ND	ND	ND	ND	ND	ND	12.8	114
12/26/18 06:30 AM	0	17702	344.93	ND	ND	ND	ND	ND	ND	ND	14.8	110
12/26/18 07:00 AM	0	17736	344.23	ND	ND	ND	ND	ND	ND	ND	12.5	119
12/26/18 07:30 AM	0	17743	343.78	ND	ND	ND	ND	ND	ND	ND	13.4	111
12/26/18 08:00 AM	0	17756	341.88	ND	ND	ND	ND	ND	ND	ND	13.3	108
12/26/18 08:30 AM	0	17156	299.39	ND	ND	ND	ND	ND	ND	ND	17.0	130
12/26/18 09:00 AM	0	17900	329.57	ND	ND	ND	ND	ND	ND	ND	16.9	125
12/26/18 09:30 AM	0	18409	343.82	ND	ND	ND	ND	ND	ND	ND	17.8	123
12/26/18 10:00 AM	0	18430	345.14	ND	ND	ND	ND	ND	ND	ND	16.4	121
12/26/18 10:30 AM	0	18389	344.85	ND	ND	ND	ND	ND	ND	ND	13.9	121
12/26/18 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.0	119
12/26/18 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.6	139
12/26/18 12:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.8	122
12/26/18 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.5	132
12/26/18 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	15.3	134
12/26/18 01:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	15.3	136
12/26/18 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	15.9	136
12/26/18 02:30 PM	0	18408	270.43	ND	ND	ND	ND	ND	ND	ND	16.5	143
12/26/18 03:00 PM	0	18939	287.33	ND	ND	ND	ND	ND	ND	ND	17.5	146
12/26/18 03:30 PM	0	18840	280.19	ND	ND	ND	ND	ND	ND	ND	17.7	147
12/26/18 04:00 PM	0	19489	302.34	ND	ND	ND	ND	ND	ND	ND	16.0	152
12/26/18 04:30 PM	0	19696	311.65	ND	ND	ND	ND	ND	ND	ND	18.9	150
12/26/18 05:00 PM	0	19326	287.86	ND	ND	ND	ND	ND	ND	ND	20.6	153
12/26/18 05:30 PM	0	18004	237.66	ND	ND	ND	ND	ND	ND	ND	19.4	152
12/26/18 06:00 PM	0	19359	280.75	ND	ND	ND	ND	ND	ND	ND	19.4	152
12/26/18 06:30 PM	0	19842	305.67	ND	ND	ND	ND	ND	ND	ND	20.6	153
12/26/18 07:00 PM	0	20155	325.26	ND	ND	ND	ND	ND	ND	ND	19.4	153
12/26/18 07:30 PM	0	20435	338.99	ND	ND	ND	ND	ND	ND	ND	21.2	158
12/26/18 08:00 PM	0	20600	340.03	ND	ND	ND	ND	ND	ND	ND	22.7	160
12/26/18 08:30 PM	0	20566	339.92	ND	ND	ND	ND	ND	ND	ND	21.3	157
12/26/18 09:00 PM	0	20574	346.86	ND	ND	ND	ND	ND	ND	ND	21.6	156
12/26/18 09:30 PM	0	20528	352.90	ND	ND	ND	ND	ND	ND	ND	21.7	158
12/26/18 10:00 PM	0	20484	353.02	ND	ND	ND	ND	ND	ND	ND	20.7	155
12/26/18 10:30 PM	0	20485	354.46	ND	ND	ND	ND	ND	ND	ND	19.8	153
12/26/18 11:00 PM	0	20460	354.53	ND	ND	ND	ND	ND	ND	ND	17.6	155
12/26/18 11:30 PM	0	20386	353.09	ND	ND	ND	ND	ND	ND	ND		
12/27/18 12:00 AM	0	20386	353.09	ND	ND	ND	ND	ND	ND	ND		

## Daily Processed Summary (Average, Maximum)

Average	0	18648	330.53	BDL	BDL	BDL	BDL	BDL	BDL	BDL	14.3	135
Maximum Value	0	20600	354.53	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/27/18 12:30 AM	0	20337	350.18	ND	ND	ND	ND	ND	ND	ND	21.0	161
12/27/18 01:00 AM	0	20366	347.49	ND	ND	ND	ND	ND	ND	ND	19.9	163
12/27/18 01:30 AM	0	20163	341.39	ND	ND	ND	ND	ND	ND	ND	20.1	163
12/27/18 02:00 AM	0	20108	331.76	ND	ND	ND	ND	ND	ND	ND	19.8	161
12/27/18 02:30 AM	0	20115	332.23	ND	ND	ND	ND	ND	ND	ND	19.2	161
12/27/18 03:00 AM	0	20287	332.14	ND	ND	ND	ND	ND	ND	ND	22.4	164
12/27/18 03:30 AM	0	20157	335.57	ND	ND	ND	ND	ND	ND	ND	18.6	174
12/27/18 04:00 AM	0	20297	333.47	ND	ND	ND	ND	ND	ND	ND	16.7	174
12/27/18 04:30 AM	0	20351	333.62	ND	ND	ND	ND	ND	ND	ND	19.3	172
12/27/18 05:00 AM	0	20157	329.67	ND	ND	ND	ND	ND	ND	ND	14.2	204
12/27/18 05:30 AM	0	19071	287.51	ND	ND	ND	ND	ND	ND	ND	13.2	209
12/27/18 06:00 AM	0	19210	307.30	ND	ND	ND	ND	ND	ND	ND	9.6	194
12/27/18 06:30 AM	0	19414	314.53	ND	ND	ND	ND	ND	ND	ND	8.5	199
12/27/18 07:00 AM	0	19089	320.79	ND	ND	ND	ND	ND	ND	ND	9.3	243
12/27/18 07:30 AM	0	12737	337.44	ND	ND	ND	ND	ND	ND	ND	12.5	71
12/27/18 08:00 AM	0	11801	284.11	ND	ND	ND	ND	ND	ND	ND	9.8	24
12/27/18 08:30 AM	0	11394	277.02	ND	ND	ND	ND	ND	ND	ND	7.5	47
12/27/18 09:00 AM	0	11965	323.21	ND	ND	ND	ND	ND	ND	ND	6.1	41
12/27/18 09:30 AM	0	12145	337.66	ND	ND	ND	ND	ND	ND	ND	6.3	11
12/27/18 10:00 AM	0	12259	349.04	ND	ND	ND	ND	ND	ND	ND	6.5	13
12/27/18 10:30 AM	0	12315	357.42	ND	ND	ND	ND	ND	ND	ND	5.1	236
12/27/18 11:00 AM	0	12531	362.57	ND	ND	ND	ND	ND	ND	ND	6.5	328
12/27/18 11:30 AM	0	12449	367.76	ND	ND	ND	ND	ND	ND	ND	6.1	325
12/27/18 12:00 PM	0	11699	373.32	ND	ND	ND	ND	ND	ND	ND	7.9	329
12/27/18 12:30 PM	0	11182	376.78	ND	ND	ND	ND	ND	ND	ND	6.2	333
12/27/18 01:00 PM	0	10441	382.61	ND	ND	ND	ND	ND	ND	ND	7.7	180
12/27/18 01:30 PM	0	9479	387.41	ND	ND	ND	ND	ND	ND	ND	9.5	177
12/27/18 02:00 PM	0	9328	386.56	ND	ND	ND	ND	ND	ND	ND	9.4	293
12/27/18 02:30 PM	0	9502	384.96	ND	ND	ND	ND	ND	ND	ND	6.7	285
12/27/18 03:00 PM	0	9591	386.57	ND	ND	ND	ND	ND	ND	ND	6.0	329
12/27/18 03:30 PM	0	9976	386.92	ND	ND	ND	ND	ND	ND	ND	6.3	290
12/27/18 04:00 PM	0	10217	385.33	ND	ND	ND	ND	ND	ND	ND	6.2	35
12/27/18 04:30 PM	0	10260	385.27	ND	ND	ND	ND	ND	ND	ND	5.6	49
12/27/18 05:00 PM	0	10584	385.29	ND	ND	ND	ND	ND	ND	ND	5.2	67
12/27/18 05:30 PM	0	11019	383.80	ND	ND	ND	ND	ND	ND	ND	3.9	69
12/27/18 06:00 PM	0	11329	383.68	ND	ND	ND	ND	ND	ND	ND	3.9	72
12/27/18 06:30 PM	0	11593	383.30	ND	ND	ND	ND	ND	ND	ND	4.2	53
12/27/18 07:00 PM	0	11868	381.62	ND	ND	ND	ND	ND	ND	ND	5.1	91
12/27/18 07:30 PM	0	13227	372.15	ND	ND	ND	ND	ND	ND	ND	4.7	97
12/27/18 08:00 PM	0	14180	363.59	ND	ND	ND	ND	ND	ND	ND	4.8	102
12/27/18 08:30 PM	0	14261	358.66	ND	ND	ND	ND	ND	ND	ND	4.7	96
12/27/18 09:00 PM	0	14189	355.47	ND	ND	ND	ND	ND	ND	ND	4.9	97
12/27/18 09:30 PM	0	13962	353.72	ND	ND	ND	ND	ND	ND	ND	4.0	74
12/27/18 10:00 PM	0	13686	354.20	ND	ND	ND	ND	ND	ND	ND	4.7	63
12/27/18 10:30 PM	0	13227	360.14	ND	ND	ND	ND	ND	ND	ND	5.1	56
12/27/18 11:00 PM	0	12739	363.99	ND	ND	ND	ND	ND	ND	ND	4.9	60
12/27/18 11:30 PM	0	12234	368.40	ND	ND	ND	ND	ND	ND	ND	4.3	57
12/28/18 12:00 AM	0	11734	371.54	ND	ND	ND	ND	ND	ND	ND	5.2	39

## Daily Processed Summary (Average, Maximum)

Average	0	14171	353.52	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.3	152
Maximum Value	0	20366	387.41	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BIUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/28/18 12:30 AM	11520	367	2.69	ND	ND	ND	ND	ND	ND	ND	7.9	17
12/28/18 01:00 AM	11045	369	2.36	ND	ND	ND	ND	ND	ND	ND	8.5	24
12/28/18 01:30 AM	10354	370	3.80	ND	ND	ND	ND	ND	ND	ND	9.2	27
12/28/18 02:00 AM	9953	373	2.26	ND	ND	ND	ND	ND	ND	ND	8.3	29
12/28/18 02:30 AM	9937	372	2.34	ND	ND	ND	ND	ND	ND	ND	8.3	26
12/28/18 03:00 AM	9882	371	2.64	ND	ND	ND	ND	ND	ND	ND	8.2	23
12/28/18 03:30 AM	9682	370	2.32	ND	ND	ND	ND	ND	ND	ND	9.7	24
12/28/18 04:00 AM	9525	371	2.38	ND	ND	ND	ND	ND	ND	ND	10.3	20
12/28/18 04:30 AM	9416	370	2.33	ND	ND	ND	ND	ND	ND	ND	10.0	18
12/28/18 05:00 AM	9249	372	2.30	ND	ND	ND	ND	ND	ND	ND	9.5	21
12/28/18 05:30 AM	8954	371	2.79	ND	ND	ND	ND	ND	ND	ND	11.2	19
12/28/18 06:00 AM	8805	372	2.32	ND	ND	ND	ND	ND	ND	ND	11.5	18
12/28/18 06:30 AM	8685	372	2.28	ND	ND	ND	ND	ND	ND	ND	12.4	12
12/28/18 07:00 AM	8569	373	2.38	ND	ND	ND	ND	ND	ND	ND	12.6	17
12/28/18 07:30 AM	8400	374	2.29	ND	ND	ND	ND	ND	ND	ND	11.0	16
12/28/18 08:00 AM	8277	375	2.29	ND	ND	ND	ND	ND	ND	ND	12.4	14
12/28/18 08:30 AM	8124	375	2.81	ND	ND	ND	ND	ND	ND	ND	12.9	23
12/28/18 09:00 AM	8150	377	2.28	ND	ND	ND	ND	ND	ND	ND	14.2	16
12/28/18 09:30 AM	8123	379	2.27	ND	ND	ND	ND	ND	ND	ND	14.8	15
12/28/18 10:00 AM	7973	381	2.47	ND	ND	ND	ND	ND	ND	ND	16.5	21
12/28/18 10:30 AM	7902	385	2.28	ND	ND	ND	ND	ND	ND	ND	14.7	25
12/28/18 11:00 AM	7857	387	2.28	ND	ND	ND	ND	ND	ND	ND	14.4	28
12/28/18 11:30 AM	7869	388	2.34	ND	ND	ND	ND	ND	ND	ND	15.5	21
12/28/18 12:00 PM	7997	388	2.27	ND	ND	ND	ND	ND	ND	ND	15.0	23
12/28/18 12:30 PM	8110	388	2.30	ND	ND	ND	ND	ND	ND	ND	13.1	23
12/28/18 01:00 PM	8258	390	2.30	ND	ND	ND	ND	ND	ND	ND	13.8	16
12/28/18 01:30 PM	8362	391	2.27	ND	ND	ND	ND	ND	ND	ND	13.0	16
12/28/18 02:00 PM	8394	390	2.26	ND	ND	ND	ND	ND	ND	ND	13.3	13
12/28/18 02:30 PM	8386	391	2.27	ND	ND	ND	ND	ND	ND	ND	13.4	19
12/28/18 03:00 PM	8520	390	2.26	ND	ND	ND	ND	ND	ND	ND	12.6	27
12/28/18 03:30 PM	8633	390	2.33	ND	ND	ND	ND	ND	ND	ND	12.7	24
12/28/18 04:00 PM	8612	391	2.27	ND	ND	ND	ND	ND	ND	ND	11.8	30
12/28/18 04:30 PM	8590	390	2.28	ND	ND	ND	ND	ND	ND	ND	10.6	29
12/28/18 05:00 PM	8749	389	2.44	ND	ND	ND	ND	ND	ND	ND	9.5	32
12/28/18 05:30 PM	8750	389	2.25	ND	ND	ND	ND	ND	ND	ND	8.9	25
12/28/18 06:00 PM	8823	387	2.37	ND	ND	ND	ND	ND	ND	ND	8.5	22
12/28/18 06:30 PM	8972	387	3.28	ND	ND	ND	ND	ND	ND	ND	9.0	14
12/28/18 07:00 PM	9176	385	2.28	ND	ND	ND	ND	ND	ND	ND	10.4	19
12/28/18 07:30 PM	9065	385	2.31	ND	ND	ND	ND	ND	ND	ND	10.7	13
12/28/18 08:00 PM	8858	386	2.27	ND	ND	ND	ND	ND	ND	ND	11.6	13
12/28/18 08:30 PM	8473	386	2.27	ND	ND	ND	ND	ND	ND	ND	11.1	10
12/28/18 09:00 PM	8349	386	2.27	ND	ND	ND	ND	ND	ND	ND	12.6	9
12/28/18 09:30 PM	8286	385	2.25	ND	ND	ND	ND	ND	ND	ND	12.9	10
12/28/18 10:00 PM	8328	385	2.27	ND	ND	ND	ND	ND	ND	ND	13.1	12
12/28/18 10:30 PM	8298	385	2.27	ND	ND	ND	ND	ND	ND	ND	13.3	9
12/28/18 11:00 PM	8277	385	2.27	ND	ND	ND	ND	ND	ND	ND	13.1	8
12/28/18 11:30 PM	8194	385	2.26	ND	ND	ND	ND	ND	ND	ND	13.8	8
12/29/18 12:00 AM	8099	386	2.26	ND	ND	ND	ND	ND	ND	ND	13.8	8

Daily Processed Summary (Average, Maximum)

Average	8767	381	2.39	BDL	BDL	BDL	BDL	BDL	BDL	BDL	11.7	19
Maximum Value	11520	391	3.80	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/29/18 12:30 AM	7916	386	2.26	ND	ND	ND	ND	ND	ND	ND	13.9	8
12/29/18 01:00 AM	7680	386	2.26	ND	ND	ND	ND	ND	ND	ND	14.7	9
12/29/18 01:30 AM	7537	387	2.27	ND	ND	ND	ND	ND	ND	ND	13.5	13
12/29/18 02:00 AM	7420	387	2.28	ND	ND	ND	ND	ND	ND	ND	13.2	16
12/29/18 02:30 AM	7484	386	2.29	ND	ND	ND	ND	ND	ND	ND	11.2	17
12/29/18 03:00 AM	7602	385	2.28	ND	ND	ND	ND	ND	ND	ND	10.6	11
12/29/18 03:30 AM	7586	385	2.29	ND	ND	ND	ND	ND	ND	ND	10.3	7
12/29/18 04:00 AM	7501	385	2.28	ND	ND	ND	ND	ND	ND	ND	10.9	6
12/29/18 04:30 AM	7373	384	2.28	ND	ND	ND	ND	ND	ND	ND	11.8	7
12/29/18 05:00 AM	7259	385	2.28	ND	ND	ND	ND	ND	ND	ND	12.3	7
12/29/18 05:30 AM	7207	385	2.28	ND	ND	ND	ND	ND	ND	ND	12.8	5
12/29/18 06:00 AM	7126	386	2.29	ND	ND	ND	ND	ND	ND	ND	14.1	4
12/29/18 06:30 AM	7357	384	2.28	ND	ND	ND	ND	ND	ND	ND	13.4	298
12/29/18 07:00 AM	7279	385	2.28	ND	ND	ND	ND	ND	ND	ND	14.0	4
12/29/18 07:30 AM	7491	382	2.28	ND	ND	ND	ND	ND	ND	ND	13.7	61
12/29/18 08:00 AM	7660	381	2.27	ND	ND	ND	ND	ND	ND	ND	12.5	64
12/29/18 08:30 AM	7570	381	2.28	ND	ND	ND	ND	ND	ND	ND	13.5	121
12/29/18 09:00 AM	7598	382	2.28	ND	ND	ND	ND	ND	ND	ND	11.9	11
12/29/18 09:30 AM	7599	382	2.28	ND	ND	ND	ND	ND	ND	ND	14.5	12
12/29/18 10:00 AM	7700	384	2.29	ND	ND	ND	ND	ND	ND	ND	14.2	13
12/29/18 10:30 AM	7677	384	2.28	ND	ND	ND	ND	ND	ND	ND	17.3	14
12/29/18 11:00 AM	7744	383	2.28	ND	ND	ND	ND	ND	ND	ND	17.3	19
12/29/18 11:30 AM	7713	383	2.28	ND	ND	ND	ND	ND	ND	ND	17.5	11
12/29/18 12:00 PM	7719	383	2.28	ND	ND	ND	ND	ND	ND	ND	15.9	10
12/29/18 12:30 PM	7690	383	2.28	ND	ND	ND	ND	ND	ND	ND	16.4	11
12/29/18 01:00 PM	7614	383	2.28	ND	ND	ND	ND	ND	ND	ND	17.3	65
12/29/18 01:30 PM	7585	383	2.29	ND	ND	ND	ND	ND	ND	ND	15.5	7
12/29/18 02:00 PM	7663	383	2.29	ND	ND	ND	ND	ND	ND	ND	14.4	16
12/29/18 02:30 PM	7718	382	2.29	ND	ND	ND	ND	ND	ND	ND	14.5	8
12/29/18 03:00 PM	7788	381	2.30	ND	ND	ND	ND	ND	ND	ND	14.1	7
12/29/18 03:30 PM	7779	380	2.29	ND	ND	ND	ND	ND	ND	ND	12.5	9
12/29/18 04:00 PM	7786	380	2.28	ND	ND	ND	ND	ND	ND	ND	11.1	11
12/29/18 04:30 PM	7805	380	2.28	ND	ND	ND	ND	ND	ND	ND	13.1	5
12/29/18 05:00 PM	7812	380	2.28	ND	ND	ND	ND	ND	ND	ND	13.9	70
12/29/18 05:30 PM	7741	380	2.28	ND	ND	ND	ND	ND	ND	ND	14.5	121
12/29/18 06:00 PM	7777	378	2.28	ND	ND	ND	ND	ND	ND	ND	13.3	65
12/29/18 06:30 PM	7732	378	2.28	ND	ND	ND	ND	ND	ND	ND	12.4	9
12/29/18 07:00 PM	7749	374	2.27	ND	ND	ND	ND	ND	ND	ND	13.6	15
12/29/18 07:30 PM	7881	372	2.26	ND	ND	ND	ND	ND	ND	ND	11.9	18
12/29/18 08:00 PM	7611	376	2.27	ND	ND	ND	ND	ND	ND	ND	12.2	9
12/29/18 08:30 PM	7533	378	2.30	ND	ND	ND	ND	ND	ND	ND	12.0	7
12/29/18 09:00 PM	7589	378	2.28	ND	ND	ND	ND	ND	ND	ND	11.8	121
12/29/18 09:30 PM	7620	378	2.28	ND	ND	ND	ND	ND	ND	ND	12.0	122
12/29/18 10:00 PM	7631	377	2.27	ND	ND	ND	ND	ND	ND	ND	11.7	349
12/29/18 10:30 PM	7701	377	2.27	ND	ND	ND	ND	ND	ND	ND	11.8	121
12/29/18 11:00 PM	7771	377	2.28	ND	ND	ND	ND	ND	ND	ND	11.7	349
12/29/18 11:30 PM	7658	378	2.28	ND	ND	ND	ND	ND	ND	ND	11.8	184
12/30/18 12:00 AM	7618	376	2.27	ND	ND	ND	ND	ND	ND	ND	11.8	184

## Daily Processed Summary (Average, Maximum)

Average	7620	381	2.28	BDL	BDL	BDL	BDL	BDL	BDL	BDL	10.3	21
Maximum Value	7916	387	2.30	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected



# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCl_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/30/18 12:30 AM	7804	372	2.27	ND	ND	ND	ND	ND	ND	ND	9.8	6
12/30/18 01:00 AM	7972	361	2.23	ND	ND	ND	ND	ND	ND	ND	9.1	12
12/30/18 01:30 AM	8182	368	2.26	ND	ND	ND	ND	ND	ND	ND	9.4	233
12/30/18 02:00 AM	8084	370	2.26	ND	ND	ND	ND	ND	ND	ND	9.6	11
12/30/18 02:30 AM	8198	369	2.27	ND	ND	ND	ND	ND	ND	ND	9.6	66
12/30/18 03:00 AM	8093	370	2.27	ND	ND	ND	ND	ND	ND	ND	9.5	294
12/30/18 03:30 AM	8147	370	2.27	ND	ND	ND	ND	ND	ND	ND	9.0	298
12/30/18 04:00 AM	8233	369	2.25	ND	ND	ND	0.00455	ND	ND	ND	10.3	129
12/30/18 04:30 AM	8205	368	2.25	ND	ND	ND	ND	ND	ND	ND	12.0	355
12/30/18 05:00 AM	8078	369	2.25	ND	ND	ND	ND	ND	ND	ND	10.2	296
12/30/18 05:30 AM	8080	369	2.26	ND	ND	ND	ND	ND	ND	ND	9.3	238
12/30/18 06:00 AM	8185	368	2.25	ND	ND	ND	ND	ND	ND	ND	9.3	8
12/30/18 06:30 AM	8168	368	2.25	ND	ND	ND	ND	ND	ND	ND	8.9	9
12/30/18 07:00 AM	8106	369	2.25	ND	ND	ND	ND	ND	ND	ND	10.0	122
12/30/18 07:30 AM	8084	368	2.24	ND	ND	ND	ND	ND	ND	ND	9.7	290
12/30/18 08:00 AM	8141	364	2.33	ND	ND	ND	ND	ND	ND	ND	10.8	336
12/30/18 08:30 AM	8158	352	2.22	ND	ND	ND	ND	ND	ND	ND	11.5	330
12/30/18 09:00 AM	8187	356	2.23	ND	ND	ND	ND	ND	ND	ND	11.2	340
12/30/18 09:30 AM	8189	363	2.25	ND	ND	ND	ND	ND	ND	ND	12.3	343
12/30/18 10:00 AM	8136	367	2.26	ND	ND	ND	ND	ND	ND	ND	12.3	296
12/30/18 10:30 AM	8159	368	2.28	ND	ND	ND	ND	ND	ND	ND	11.9	296
12/30/18 11:00 AM	8170	371	2.28	ND	ND	ND	ND	ND	ND	ND	12.2	240
12/30/18 11:30 AM	8255	370	2.28	ND	ND	ND	ND	ND	ND	ND	10.0	295
12/30/18 12:00 PM	8276	369	2.27	ND	ND	ND	ND	ND	ND	ND	8.8	124
12/30/18 12:30 PM	8336	367	2.27	ND	ND	ND	ND	ND	ND	ND	9.0	5
12/30/18 01:00 PM	8497	371	2.27	ND	ND	ND	ND	ND	ND	ND	8.2	229
12/30/18 01:30 PM	8460	372	2.33	ND	ND	ND	ND	ND	ND	ND	8.4	15
12/30/18 02:00 PM	8617	372	2.27	ND	ND	ND	ND	ND	ND	ND	5.9	182
12/30/18 02:30 PM	8663	371	2.28	ND	ND	ND	ND	ND	ND	ND	7.4	74
12/30/18 03:00 PM	8718	371	2.28	ND	ND	ND	ND	ND	ND	ND	8.3	125
12/30/18 03:30 PM	8770	372	2.28	ND	ND	ND	ND	ND	ND	ND	7.9	354
12/30/18 04:00 PM	8847	371	2.27	ND	ND	ND	ND	ND	ND	ND	9.1	240
12/30/18 04:30 PM	8864	370	2.28	ND	ND	ND	ND	ND	ND	ND	7.4	7
12/30/18 05:00 PM	8906	370	2.28	ND	ND	ND	ND	ND	ND	ND	7.2	332
12/30/18 05:30 PM	8922	369	2.27	ND	ND	ND	ND	ND	ND	ND	7.0	340
12/30/18 06:00 PM	9117	360	2.25	ND	ND	ND	ND	ND	ND	ND	5.9	352
12/30/18 06:30 PM	9208	356	2.25	ND	ND	ND	ND	ND	ND	ND	6.2	339
12/30/18 07:00 PM	9133	359	2.28	ND	ND	ND	ND	ND	ND	ND	7.2	333
12/30/18 07:30 PM	9051	360	2.26	ND	ND	ND	ND	ND	ND	ND	6.6	329
12/30/18 08:00 PM	9057	360	2.23	ND	ND	ND	ND	ND	ND	ND	5.9	79
12/30/18 08:30 PM	9033	361	2.25	ND	ND	ND	ND	ND	ND	ND	4.6	37
12/30/18 09:00 PM	9092	359	2.24	ND	ND	ND	ND	ND	ND	ND	5.6	30
12/30/18 09:30 PM	9218	353	2.26	ND	ND	ND	ND	ND	ND	ND	6.9	64
12/30/18 10:00 PM	9231	353	2.35	ND	ND	ND	ND	ND	ND	ND	6.9	88
12/30/18 10:30 PM	9380	342	2.28	ND	ND	ND	ND	ND	ND	ND	6.0	90
12/30/18 11:00 PM	9483	341	2.20	ND	ND	ND	ND	ND	ND	ND	3.3	128
12/30/18 11:30 PM	9586	346	2.27	ND	ND	ND	ND	ND	ND	ND	2.4	104
12/31/18 12:00 AM	9671	346	2.29	ND	ND	ND	ND	ND	ND	ND	3.0	78

## Daily Processed Summary (Average, Maximum)

Average	8566	364	2.27	BDL	BDL	BDL	0.00009	BDL	BDL	BDL	3.5	345
Maximum Value	9671	372	2.35	BDL	BDL	BDL	0.00455	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa North AAMS

Timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VOI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/31/18 12:30 AM	9778	344	2.31	ND	ND	ND	ND	ND	ND	ND	2.7	85
12/31/18 01:00 AM	9729	325	2.23	ND	ND	ND	ND	ND	ND	ND	3.0	309
12/31/18 01:30 AM	9589	296	2.19	ND	ND	ND	ND	ND	ND	ND	7.3	300
12/31/18 02:00 AM	8990	263	2.06	ND	ND	ND	ND	ND	ND	ND	9.5	296
12/31/18 02:30 AM	8207	216	1.91	ND	ND	ND	ND	ND	ND	ND	10.9	291
12/31/18 03:00 AM	7408	180	1.75	ND	ND	ND	ND	ND	ND	ND	11.6	294
12/31/18 03:30 AM	7337	179	1.76	ND	ND	ND	ND	ND	ND	ND	14.0	293
12/31/18 04:00 AM	7244	183	1.87	ND	ND	ND	ND	ND	ND	ND	14.8	298
12/31/18 04:30 AM	7425	215	2.01	ND	ND	ND	ND	ND	ND	ND	14.6	297
12/31/18 05:00 AM	7839	249	2.08	ND	ND	ND	ND	ND	ND	ND	12.4	305
12/31/18 05:30 AM	8005	256	2.06	ND	ND	ND	ND	ND	ND	ND	11.4	302
12/31/18 06:00 AM	8206	268	2.09	ND	ND	ND	ND	ND	ND	ND	7.2	308
12/31/18 06:30 AM	8089	245	2.02	ND	ND	ND	ND	ND	ND	ND	4.9	314
12/31/18 07:00 AM	8357	266	2.09	ND	ND	ND	ND	ND	ND	ND	3.8	314
12/31/18 07:30 AM	8562	275	2.10	ND	ND	ND	ND	ND	ND	ND	5.0	281
12/31/18 08:00 AM	8874	302	2.12	ND	ND	ND	ND	ND	ND	ND	7.2	280
12/31/18 08:30 AM	8993	320	2.16	ND	ND	ND	ND	ND	ND	ND	7.5	280
12/31/18 09:00 AM	9146	331	2.19	ND	ND	ND	ND	ND	ND	ND	6.3	269
12/31/18 09:30 AM	9252	338	2.23	ND	ND	ND	ND	ND	ND	ND	7.2	271
12/31/18 10:00 AM	9315	345	2.24	ND	ND	ND	ND	ND	ND	ND	7.5	275
12/31/18 10:30 AM	9453	350	2.25	ND	ND	ND	ND	ND	ND	ND	6.6	265
12/31/18 11:00 AM	9656	357	2.34	ND	ND	ND	ND	ND	ND	ND	6.1	273
12/31/18 11:30 AM	9965	360	2.31	ND	ND	ND	ND	ND	ND	ND	5.7	267
12/31/18 12:00 PM	9922	367	2.29	ND	ND	ND	ND	ND	ND	ND	6.5	294
12/31/18 12:30 PM	9618	372	2.26	ND	ND	ND	ND	ND	ND	ND	7.4	286
12/31/18 01:00 PM	9704	371	2.25	ND	ND	ND	ND	ND	ND	ND	5.6	275
12/31/18 01:30 PM	9806	377	2.27	ND	ND	ND	ND	ND	ND	ND	5.3	271
12/31/18 02:00 PM	9952	379	2.28	ND	ND	ND	ND	ND	ND	ND	5.2	266
12/31/18 02:30 PM	10087	379	2.27	ND	ND	ND	ND	ND	ND	ND	4.2	267
12/31/18 03:00 PM	9858	381	2.27	ND	ND	ND	ND	ND	ND	ND	4.2	266
12/31/18 03:30 PM	9838	381	2.28	ND	ND	ND	ND	ND	ND	ND	3.7	269
12/31/18 04:00 PM	9966	380	2.28	ND	ND	ND	ND	ND	ND	ND	2.5	212
12/31/18 04:30 PM	10094	380	2.29	ND	ND	ND	ND	ND	ND	ND	1.6	212
12/31/18 05:00 PM	10102	380	2.34	ND	ND	ND	ND	ND	ND	ND	2.0	188
12/31/18 05:30 PM	10536	378	2.49	ND	ND	ND	ND	ND	ND	ND	1.8	123
12/31/18 06:00 PM	10025	379	2.48	ND	ND	ND	ND	ND	ND	ND	1.4	155
12/31/18 06:30 PM	10144	379	2.75	ND	ND	ND	ND	ND	ND	ND	2.8	143
12/31/18 07:00 PM	10398	377	2.97	ND	ND	ND	ND	ND	ND	ND	2.0	110
12/31/18 07:30 PM	10127	380	2.60	ND	ND	ND	ND	ND	ND	ND	1.4	136
12/31/18 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	1.4	150
12/31/18 08:30 PM	9983	377	2.75	ND	ND	ND	ND	ND	ND	ND	3.1	184
12/31/18 09:00 PM	10089	374	3.31	ND	ND	ND	ND	ND	ND	ND	2.8	177
12/31/18 09:30 PM	10091	372	2.61	ND	ND	ND	ND	ND	ND	ND	4.9	168
12/31/18 10:00 PM	10513	363	2.41	ND	ND	ND	ND	ND	ND	ND	3.9	165
12/31/18 10:30 PM	10590	360	2.39	ND	ND	ND	ND	ND	ND	ND	3.8	168
12/31/18 11:00 PM	10623	357	2.43	ND	ND	ND	ND	ND	ND	ND	1.6	176
12/31/18 11:30 PM	10533	352	2.69	ND	ND	ND	ND	ND	ND	ND	1.9	188
01/01/19 12:00 AM	10466	342	3.00	ND	ND	ND	ND	ND	ND	ND	1.3	265

## Daily Processed Summary (Average, Maximum)

Average	9415	328	2.31	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.2	280
Maximum Value	10623	381	3.31	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected